SUFALAM
Industries Ltd.
CIN: U36999MH2020PLC340948

To,
The Additional Director(s),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra- 440001

Subject: Submission of Environmental Clearance compliance Report **(April 2025 to September 2025)** for Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State by M/S. Sufalam Industries Limited

Reference: 1. Environment Clearance from MoEF vide F. N. IA-J-11011/528/2021-IA- II (I) dated 25th February 2022
2.Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Respected Sir,

With reference to the above subject, we are submitting the current Status of our project, monitoring reports, data sheet and point wise compliance status to various stipulation laid down by the Ministry of Environment and Forest in its clearance letter No. F. N. IA-J-11011/528/2021-IA- II (I) 25th February 2022 & Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For **M/s. Sufalam Industries Limited**

Authorized Signatory.

SUFALAM INDUSTRIES LIMITED

Encl.:
Part A: Data Sheet
Part B: Current Status of Construction Work
Part C: Point wise compliance status
Part D: Annexures

Environmental Clearance Compliance Status Report

(April 2025 to September 2025)

` KLPD Ethanol Distillery Unit

By

M/S. Sufalam Industries Limited.

At

Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Applicant

M/S. Sufalam Industries Limited

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Part A Data Sheet

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forest and Climate Change

Western Region, Regional Office, Nagpur

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	**Industry**
2.	Name of the project		:	**M/s Sufalam Industries Limited**
3.	Clearance letter (s) / OM No. and Date		:	Proposed Setup of New Grain Based 210 KLPD Ethanol Distillery Unit 1] Ethanol Distillery unit F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022 2] Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area. 3] Format1.0/CC/UAN No. MPCB-CONSENT-0000246529/CO/2509001874 Dated 18/09/2025.
4.	Location		:	
	a.	District (S)	:	Gondia
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude: 21° 3'52.58"N Longitude: 80°22'58.55"E
5.	Address for correspondence			
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
6.	Salient features			
	a.	of the project	:	It is a Grain Based 210 KLPD Ethanol Distillery Unit
	b.	of the environmental management plans	:	**1. Pollution control plan:** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed. 3] The CO_2 recovery unit work has been completed. **a.** Effluent stream is treated through Condensate Polishing Unit (CPU). **b. Rain water harvesting:**

				c. Green belt development: We have reserved 33% of the area for the greenbelt. Of this, 26.31% has already been developed within the factory premises, and the remaining 7% will be developed within a year. A total of 6,578 trees has been planted in the greenbelt area.
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-Forest area. (MIDC Deori)
	b.	Others	:	Area under development: 100000 Sq.m.(Total Project Area) Green Belt Area 8.38 (33,915 Sq.m) ha (~33 %)
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land &landless labourers /artisan		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out or only provisional figures, it a Survey is carried out give details and years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	**Total Project cost:** 146.50 Crores
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Costing enmarked for (Environmental Management Plan (EMP)) will be Total set up Cost: 2435 Lakh O & M cost: 166 Lakh/annum
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	

	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	146.50 Crores
	f.	Actual expenditure incurred on the environmental management plans so far	**:**	Total set up Cost: 19.68 Cr. O & M cost: 72.6 Lakh **(Please ref Annexure 20)**
10.	Forest land requirement		:	Not Applicable
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, it any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Not applicable
12.	Status of construction			

Sr. No	Building Name & number	Status as on September 2025
1	Fermentation Section	Work completed.

				2	Distillation Section	Work completed.
				3	Receiver & Storage Section	Work completed.
				4	Green Belt Development	We have reserved 33% of the area for the greenbelt. Of this, 26.31% has already been developed within the factory premises, and the remaining 7% will be developed within a year. A total of 6,578 trees has been planted in the greenbelt area.
				5	Boiler, Stack with online monitoring system & ESP	1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed 3] The CO_2 recovery unit work has been completed. 4] Online monitoring system will be installed.
	a.	Date of commencement (Actual and/or planned)	:	Establishment of 210 KLD: April 2022		
	b.	Date of completion (Actual and/or planned)	:	Consent to Operate received on 25th July 2024.		
13.	Reasons for the delay if the Project is yet to start		:	Not applicable		
14	Dates of site visits					
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	RO site inspection visit report letter vides no. EC-2221IRON/2023-NGP-12240 dated 27/09/2023 clarifying no work is carried out on site as per EC		
	b.	Date of site visit for this monitoring report	:	No		
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the		:	Not Applicable		

	routine letters for Logistic support for site visits)		
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	Agreed

Part B Construction Status of Project

Sr. No.	Unit	Status as on September 2025	Status of the Environmental Management Facilities
1	Fermentation Section	Work completed	**a. Green Belt:** We have reserved 33% of the area for the greenbelt. Of this, 26.31% has already been developed within the factory premises, and the remaining 7% will be developed within a year. A total of 6,578 trees has been planted in the greenbelt area. **b. Stack with online monitoring system** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed 3] The CO_2 recovery unit work has been completed. 4] Online monitoring system Continuous online (24x7) monitoring system for stack emissions installation is in installed on site.
2	Distillation Section	Work completed	
3	Receiver & Storage Section	Work completed	

Part C Environment Clearance Compliance Report

Project Name: Proposed Establishment of new grain based 210 KLPD Ethanol Distillery at Village D 3, MIDC, Deori, Taluka - Deori, District -Gondia, State -Maharashtra

Period of Compliance: April 2025 to September 2025.

Ref: EC vide letter No.:

1] Ethanol Distillery unit F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022

2] Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

3] Amendment in consent to operate -vide No. Format1.0/CC/UAN No. MPCB-CONSENT-0000246529/CO/2509001874 Dated 18/09/2025.

Point wise compliance of conditions stipulated in Ethanol distillery EC vide letter no. F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022 are given as under: -

Sr. No	EC Conditions	Compliance
A. Specific conditions		
i.	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Agreed & we herewith assure that 210 KLPD only be used for fuel ethanol manufacturing.
ii.	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.	Land document of Sufalam industries enclosed as an **Annexure 14**
iii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power	Noted. We have complied with all the environmental protection measures and safeguards proposed as per documents submitted to the Ministry. Industry already installed 500 KW capacity solar power panel.

	requirement within plant/nearby villages as a part of EMP.	We have provided 12.5% solar power.
iv.	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	• The spent wash slop will be generated subjected to decantation & thin slop followed by (MEE) to DDGS • All other diluted effluent generated from the unit is treated in the existing CPU of 1300 m^3/day capacity, and the treated effluent is reused as process water or as makeup water for the boiler and cooling tower to achieve ZLD. • There will be no disposal of waste water on land.
v.	Total fresh water requirement shall not exceed 3.5 KL fresh water consumed/KL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption	CGWA NOC permission vide no. CGWA/NOC/IND/ORIG/2023/18452 dated 08/05/2023 is obtained for water requirement 477 CMD attached as **Annexure 2a** Nagar panchayat water Agreement Letter attached as **Annexure 2b** Total fresh water requirement will not exceed 3.5 KL. We will not use groundwater. A water tank has been constructed in the industry premises to store rainwater, which will be used as required.
vi.	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.	As per MoEF&CC guidelines, "Zero Discharge" is mandatory for distillery project. The strong stream i.e. raw spent wash slop is primarily treated in decanters and it separate the thick slop and thin slop then thin slop are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated slop is sent to the DWGS drier along with thick slop generated from decanters and the output is a dry up to 90 % solids (w/w) and is known as DDGS which will be sold as cattle feed. The MEE condensate is treated in existing CPU along with other diluted effluent and recycled back as process water /make up water for boiler and cooling tower. The brick manufacturing unit has been installed on site The coal of Sulphur content is less than 0.5 %.is used as fuel for boiler.

vii.	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Noted. The CO_2 recovery unit work has been completed. Photographs of CO2 unit is attached as **Annexure 8.**
viii.	PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	As per EC allocated Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health. Health reports & photographs of health checkup camp are attached as **Annexure11**
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Proper training has been imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training. Photographs of the same is attached as **Annexure 7**
x.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained	Noted. PESO certificate is attached as **Annexure 4**
xi.	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Noted. This condition is not applicable to project.

xii.	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	We have undertaken waste minimization measures as below: - a) Yeast & CPU sludge after drying, is used for manufacturing on site. Non-Biodegradable waste is manually collected and sold to scrap vendors & biodegradable waste is used as manure. b) DDGS will be provide Cattle feed, food for poultry purpose c) Automated filling to minimize spillage will be followed d) Venting equipment through vapor recovery system is in place. e) We will use high-pressure hoses for equipment clearing to reduce wastewater generation.
xiii.	The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.	We have reserved 33% of the area for the greenbelt. Of this, 26.31% has already been developed within the factory premises, and the remaining 7% will be developed within a year. A total of 6,578 trees has been planted in the greenbelt area. Photographs of the developed greenbelt are attached in **Annexure 12**
xiv.	PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.	As per EC industry has reserved Rs. 2.50 Crores to carry out corporate environment responsibility (CER). Accordingly, we have spent Rs 34.65 lakh against various CER activity during financial year 2024-2025 Details of expenditure spent. same are attached in **Annexure 10**
xv.	There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.	We have provided parking facilities for vehicles carrying raw materials and finished products as per CPCB norms, along with toilets, drinking water facilities, and restrooms. A total of 15.09% of the plant area is earmarked for parking. The parking layout is attached as **Annexure 5.**

xvi.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Agreed
xvii.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous online (24x7) monitoring system for stack emissions installation is in installed on site & its connection with MPCB server is in process Photographs of same are attached in **Annexure 13**
xviii.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) carry out the Environmental Management is provided as mentioned EMP submitted during meeting.
B. General Condition		
i.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed and no further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.
ii.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	The low energy consumption light source i.e., LED Lamps are provided for illumination. The same practice shall be continued.
iii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The acoustic measures, silencer pads etc are provided. Regular maintenance of all the noise generating equipment is done from time to time. Periodic monitoring of Ambient noise levels is done by NABL/MoEF&CC Accredited laboratories are done the records are maintained. The noise monitoring reports are enclosed as **Annexure 3.**

iv.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be Implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	As per EC industry has reserved Rs. 2.50 Crores to carry out corporate environment responsibility (CER). Accordingly, we have spent Rs 34.65 lakh against various CER activity during financial year 2024-2025.
V.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	• Agreed. • The funds earmarked for environmental protection measures are kept in a separate account and never spend on other purposes. • We are submitting herewith funds allocated for Environmental Management Plan (EMP). • Total set up Cost: 2435 Lakh • O & M cost: 166 Lakh/annum solar
vi.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Copy of EC has been submitted MPCB.
vii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	Noted. We are regularly submitting the six-monthly EC compliance report to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. Website- **http://www.sufalamindustries.com/**
viii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the	We have submitted the Environmental Statement Report for the financial year 2024–2025. Vide No. MPCB-ENVIRONMENT_STATEMENT-0000078519 Dated 27-05-2025 Copy is attached as **Annexure 8**

	respective Regional Offices of MoEF&CC by e-mail.	
ix.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The advertisement had been published in local English & Marathi newspaper. Marathi newspaper - lokamat, Dated 28 Feb 2022 English newspaper - lokmat samachar apna Vidarbha, Dated 28 Feb 2022. Advertisement copy is attached as **Annexure 6.**
x.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed.
xi.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed.
Additional specific condition sort by EAC (Ind-II) dated 04th – 27 December 2023		
I	The project proponent shall prepare a site-specific conservation plan and wildlife management plan for Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.	The site-specific Conservation Plan and Wildlife Management Plan for Schedule-I species. attached as **Annexure 15**
II	ESP along with stack height of 60 m shall be provided to bagasse/coal fired boilers to meet the particulate matter emissions within the statutory limit of 30 mg/Nm3.The SO2 and NOx emissions shall be within the prescribed norms of 100mg/Nm3 At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not	A 3-filed ESP along a stack height of 60 m was provided for the bagasse/coal-fired boilers to ensure particulate matter emissions remain within the statutory limit of 30 mg/Nm³. The SO_2 and NO_x emissions were within the prescribed norms of 100 mg/Nm³. The monitoring reports of SO_2, NO_x and PM emissions are covered in **Annexure 3**.

	be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.	
III	6 feet high compound wall and 2 feet barbed wire fencing above compound wall along nala boundary shall be provided and 10 m thick plantation buffer from compound wall towards nala shall be created. PP shall ensure that no wastewater/treated water and solid waste is discharged into the nallah.	A 6-feet-high compound wall with an additional 2-feet barbed-wire fencing above it was provided along the nala boundary and 10-metre-thick plantation was carried out towards the nala. Photographs of same is attached as **Annexure 16**
IV	As proposed, 5 m thick plantation buffer from compound wall towards dilapidated school building of Z.P Gondia.	A 5-metre-thick plantation was carried out along the compound wall towards the dilapidated school building of Z.P. Gondia. Photographs of same attached as **Annexure 17**
V	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	The raw materials were stored in silos to prevent dust pollution and other fugitive emissions. The photographs same is attached as **Annexure 18**
VI	PP shall sensitize and create awareness amongst the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	We conducted training on plastic use in the project area. The report is attached as **Annexure 19.**

PART C: ANNEXURE

Annexure 1 - Environment Clearance Certificate Distillery Unit

Environment Clearance Certificate Distillery Unit

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Director
SUFALAM INDUSTRIES LIMITED
Navrang, Vasudev, Vrindavan,Jamtha,Nagpur,Maharashtra-441122

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/246505/2021 dated 06 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A060MH144844**
2.	**File No.**	IA-J-11011/528/2021-IA-II(I)
3.	**Project Type**	New
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	5g(a)-Grain Based distilleries for Ethanol Blended Petrol
6.	**Name of Project**	Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/S. Sufalam Industries Limited .
7.	**Name of Company/Organization**	SUFALAM INDUSTRIES LIMITED
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 25/02/2022

(e-signed)
A.K Pateshwary
Director
IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.

3. All grain based distilleries producing ethanol, solely to be used for Ethanol Blended Petrol Programme of the Government of India are listed at S.N. 5(ga) of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 amendment vide S.O 2339 dated 16th June 2021 under category 'B-2' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal is exempted from obtaining ToR & conducting Public Hearing as per EIA notification, 2006 amendment vide S.O 2339 dated 16th June 2021. It was informed that no litigation is pending against the project.

5. The details of products and capacity are as under: -

Description	Unit	Total
Distillery Unit	**KLPD**	**210**
Anhydrous Alcohol (Fuel Ethanol)	KLPD	210
Impure Spirit	KLPD	6.6
Fusel Oil	KLPD	2.0
By Product		
CO2	TPD	157
Distillers' Dry Grain with Soluble (DDGS)	TPD	136
Power Generation (TG set)	MW	5

6. Total project area is 100000 m^2 (24.71 acre). Industry will develop greenbelt in an area of 33.9 % i.e., 33,915 m2 (8.38 acre) out of net plot area of the project.

7. The estimated project cost is Rs 146.50 Crore. Total capital cost earmarked towards environmental pollution control measures proposed unit will be Rs 24.35 Crores and the Recurring cost (operation and maintenance) will be about Rs 1.66 Crores per annum. Total Employment for proposed unit will be 230 (Construction phase 150 Nos & operation phase 80 Nos) persons as direct & 500-1000 persons indirect employment. Industry proposes to allocate Rs 2.19 crores towards Corporate Environment Responsibility.

8. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body satbahini river flowing at a distance of approx 2.87 Km in west direction & Bagh river at a distance of approx 5.98 Km in north direction.

9. Total water requirement is 2198 m^3/day of which fresh water requirement of 886 m^3/day will be met from Nagar Panchayat Deori. Effluent of quantity 2140 m3/d (Spent wash slop 861 + Spent lees 210 + MEE Process Condensate 577 + Dryer condensate 272 + Boiler Blow down 32 + Cooling tower blow down 123 + Washing 65). Spent Wash Slops (approx. 7.36 % w/w solids) will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS and Process condensate along with blow down will be treated in Condensate Polishing Unit. The plant will be based on Zero Liquid discharge system.

10. Power requirement will be 4.5 MW including which will be met from 5 MW Turbine Generator set connected to 45 TPH boiler. Additionally 2 No of 500 kVA DG sets will be used as standby during power failure. Stack (height 5m.) will be provided as per CPCB norms to the proposed DG sets. Grain based distillery unit proposed to install coal/ rice husk fired boiler of capacity 45 TPH. Electrostatic precipitator (ESP) with a stack of height of 60 m will be installed to proposed 45 TPH boiler for controlling the particulate emissions within the statutory limit of 150 mg/Nm3 for the proposed boilers.

11. Details of Process emissions generation and its management:

Sr. No	Source	Fuel	Pollutant	Control Equipment
1	1 No of 45 TPH boiler	Coal or Rice Husk	PM, SO2 & NOx	60 m stack height and ESP as APC Equipment shall be provided

Sr. No	Source	Fuel	Pollutant	Control Equipment
2	D. G. Sets 2 Nos of 500 kVA	HSD	PM & SO2	5m Stack Height shall be provided
3	Fermentation Unit	--	CO2	CO2 Recovery Unit

12. Details of Solid waste/Hazardous waste generation and its management:

Solid Waste Management

Sr. No.	Description of waste		UOM	Quantity	Treatment	Mode of collection and disposal
1	Yeast sludge		Kg/D	400	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
2	CPU sludge		Kg/D	200	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
3	Boiler ash	Coal as fuel	MT/day	65	Will be sold to brick manufacturer	Will be sold to brick manufacturer
		Rice husk as fuel		56		
Municipal Solid waste from Operational (80 No) workers						
1	Non-Biodegradable		Kg/D	12	--	Manually collected and sold to scrap vendors
2	Bio-degradable		Kg/D	8	Composting	Used as manure

Municipal Solid waste from Residential colony (20 Family 100 persons)					
1	Non-Biodegradable	Kg/D	20	--	Manually collected and sold to scrap vendors
2	Bio-degradable	Kg/D	30	Composting	Used as manure

Hazardous Waste Management

Sr. No.	Description of waste	Category	UOM	Quantity	Mode of collection and disposal
1	Spent oil	5.1	MT/A	1	Used in own boiler as fuel

13. As per OM dated 16th June, 2021, PP has submitted self-certification in the form of affidavit declaring that the proposed capacity of 210 KLPD will be for manufacturing of fuel ethanol only.

14. During the deliberations, EAC directed PP to submit an undertaking for the following commitments/information:

a) Fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol.
b) Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.
c) Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.
d) The proposed budget towards CER be increased to Rs. 2.50 Crores The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.
e) PP shall allocate Rs. 50 Lakhs per annum Fund for occupational health and safety.

PP has submitted the desired commitments/information sought above in the form of undertaking except for points (a) & (e) which are being imposed as specific conditions.

15. The proposal was considered by the EAC in its 49th meeting held during 27th- 28th January, 2022 in the Ministry, wherein the project proponent and their consultant M/s Ampl Environ Pvt. Ltd presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance.

16. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

17. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

18. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby **accords** environmental clearance to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited, under the

provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -

A. Specific Conditions:

(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

(ii) EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.

(iii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.

(iv) The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.

(v) Total fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.

(vi) The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.

(vii) CO_2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.

(viii) PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(ix) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.

(x) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.

(xi) Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xiii) The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.

(xiv) PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.

(xv) There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.

(xvi) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(xvii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(xviii) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions

stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

20. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

21. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

22. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

23. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

24. This issues with the approval of the competent authority.

(Ashok Kumar Pateshwary)
Director

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

(Ashok Kumar Pateshwary)
Director
E-mail: ak.pateshwary@gov.in
Tel. No. 24695290

Letter regarding project not falling under ESZ

File No IA- J-11011/528/2021-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-110 003

Dated: 27th December, 2023

To

Shri Hardik Agrawal (Director),
M/s. Sufalam Industries Limited
Navrang, Vasudev, Vrindavan,
Jamtha, Nagpur (Rural), Maharashtra-441122.

Sub: Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited - Environment Clearance reg.

Sir,

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above-mentioned project. Based on the proposal submitted by PP and the recommendations of the EAC (Industry-II), the Ministry has granted environmental clearance to the project (EC ID EC22A060MH144844 dated 25.02.2022).

2. Subsequently, the Ministry received a complaint from Shri. S.S. Patil, a resident of Solapur, Maharashtra, alleging that the M/s. Ampl Environ Pvt. Ltd. (the consultant) provided inaccurate information by stating that there are no eco-sensitive regions within a 10 km radius of the project site whereas the entire 'Deori' village, where the proposed distillery site is located, falls within the Ministry's ESZ Notification dated 25.02.2016, covering Nagzira WLS, New Nagzira WLS, Koka WLS, Navegaon WLS, and Navegaon NP.

3. Based on complaint received and after due examination, Ministry issued a Show Cause Notice (SCN) to M/s. Sufalam Industries Limited vide letter dated 26.05.2023 under para 8 (vi) of the EIA Notification of 2006 read with Section 5 of the Environment (Protection) Act, 1986 for concealment of factual information, as the project site falls within the New Nagzira and Koka Eco Sensitive Zone (ESZ) notified on 25.02.2016.

4. In response to the SCN, the project proponent, through letter dated 22.06.2023, acknowledged that during the EC application, the distance from the national park and wildlife sanctuary was measured from the buffer area

boundary. However, the distance from the eco-sensitive zone (ESZ) was not measured due to ambiguity surrounding the ESZ area and it was realized later that the activity is not permitted as per the ESZ Notification, and there was no deliberate attempt to conceal information or misguide the authorities. The PP has also stated that construction or erection of the distillery unit was not commenced after the realization that the project site is located within the ESZ. The PP has also informed that, as per the draft ESZ notification SO 876 (E) dated 24.02.2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navagaon Wildlife Sanctuary, and Navegaon National Park in Gondia and Bhandara Districts in Maharashtra. Considering the aforementioned facts, the industry requested that no legal action be taken against their proposed distillery unit with a request for personal hearing before any adverse action is taken.

5. Opportunity for Personal Hearing was given as per request of PP which was held on 09.08.2023 at 10:30 AM. During the personal hearing PP admitted that Industry was located within the area included in the ESZ Notification dated 25.02.2016 and there was no deliberate attempt to conceal information or misguide the Authorities and requested not to revoke the EC as no construction had been started and as per draft ESZ notification SO 876 (E) dated 24.02.2023, the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ).

6. The matter has been examined in Ministry and it is found that the project site falls outside draft ESZ notification SO 876 (E) dated 24.02.2023. The draft ESZ got finalized vide S.O. 4132(E) dated 20.09.2023 and as per the final notification the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park.

7. Further, the proposed site was inspected by Regional Office on 26.09.2023 and RO has submitted the factual report of the site vide letter EC-2221IRON/2023-NGP-12240 dated 27.09.2023 wherein it was reported, along with some observations, that the site is vacant open land and no activity had been carried out at the site.

8. Subsequently, the matter was considered in EAC (Ind-II) held on 04th – 05th October, 2023 wherein PP has submitted compliance to observations made in inspection report, budgetary allocation of EMP, revised ecological profile of the proposed site. Details are enclosed as Annexure. The Committee was satisfied with the information furnished by the Project Proponent. After detailed deliberations the Committee stipulated the following additional specific conditions as safeguard measures:

(i) The project proponent shall prepare a site-specific conservation plan and wildlife management plan for Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.

(ii) ESP along with stack height of 60 m shall be provided to bagasse/coal fired boilers to meet the particulate matter emissions within the statutory limit of 30 mg/Nm3.The SO2 and NOx emissions shall be within the prescribed norms of 100mg/Nm3 At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.

(iii) 6 feet high compound wall and 2 feet barbed wire fencing above compound wall along nala boundary shall be provided and 10 m thick plantation buffer from compound wall towards nala shall be created. PP shall ensure that no wastewater/treated water and solid waste is discharged into the nallah.

(iv) As proposed, 5 m thick plantation buffer from compound wall towards dilapidated school building of Z.P Gondia.

(v) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.

(vi) PP shall sensitize and create awareness amongst the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

9. The MoEF&CC has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification,

2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee, hereby withdraws the SCN issued vide letter dated 26.05.2023 and further stipulates above additional conditions in EC ID EC22A060MH144844 dated 25.02.2022. All other terms & conditions stipulated vide EC ID EC22A060MH144844 dated 25.02.2022 for granted for proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited remain unchanged.

10. This issues with the approval of the competent authority.

27/11/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

27/11/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'
E-mail: vk.hatwal@gov.in

Annexure

S. No.	Points raised by IRO in his report	Compliance by PP
1	PP informed that the site does not fall under the ESZ, however, PP has not submitted any map in this regard.	As per the ESZ notification S.O. 4132(E) dated 20/09/2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park. Project site is located approx. at 0.44 km from ESZ boundary. Map showing distance of project site to the ESZ boundary has been submitted.
2	School building at about 213 m on Westen side of the site	School building is present at 213 m on the western side of the site which belongs to Deori Nagar Parishad and same is not in use from the year 2015. The building itself is in dilapidated state. PP has submitted Photographs of school.
3	Nalla is flowing adjoining the North- West corner of the site flowing from west to eastern direction.	NOC for the establishment of proposed 210 KLD distillery is received from Executive Engineer, Gondia Irrigation Division & same is submitted.
4	Wildlife Schedule -I species data may be obtained from the Wildlife Division of the Ministry.	PP has prepared conservation plan for schedule I species as per the list shared by the DFO, Gondia and the same is submitted to DFO, Gondia for approval. Fund earmarked towards Conservation of Schedule – I species is considered in revised EMP. **Brief Conservation Plan:** An integrated forest and wildlife conservation plan for Sufalam Industries Limited encloses the methods employed by the organization to safeguard the forests and wildlife in Gondia district with special attention on the closely located Navegaon National Park. The

		conservation plan focuses on the protection of the predominant forest types and listed umbrella species of the region. Conservation of wildlife and forests in the region shall be a continuous process evolving with each new findings of the monitoring process and will be constantly upgraded based on the observations of experts and all stakeholders.

Budgetary allocation for Environment Management Plan:

S. No.	COMPONENT	PARTICULARS		CAPITAL INVESTMENT (IN LAKHS)	RECURRING INVESTMENT (IN LAKHS)
1.	Air	Construction of new stack for boiler and ESP		250	20
2.	Water	• Construction distillery CPU • MEE & spray dryer for Distillery		1600	100
3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc		30	2
4.	Environment monitoring and Management	Quarterly Environment Monitoring (Per Year)		--	10
		Ambient air monitoring	PM_{10}, $PM_{2.5}$, SO_2, NOx		
		Boiler & DG Set Monitoring	TPM, SO_2, NOx		
		Effluent (Treated &Untreated)	pH, COD, BOD, TSS, TDS, Oil & Grease		

5.	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)	80	15
6.	Greenbelt	Green belt development activity	10	3
		Maintenance of green belt	--	3
7.	Biodiversity	Conservation of Schedule I species	00	3.5
8.	Solid Waste Management	Solid Waste Management	50	7
9.	Rain water harvesting	Rain water harvesting	15	2
10	Energy Conservation measures	Solar PV panel, Solar street light, High efficiency pump for CPU	400	4
		TOTAL COST (INR, LAKHS)	**2435**	**169.5**

Revised distances of ESZ, forest areas and water bodies:

Features	**Description**	**Direction w.r.t. site**
Nearest Reserved Forests	Reserved Forest near Parastola ~2.4Km	S
	Reserved Forest near Deori~2.2 Km	W
	Reserved Forest near Nawatola~ 0.2 Km	N
State boundary	Maharashtra- Chhattisgarh State boundary~6.92 Km	E

Nearest National Park/Wildlife Sanctuary	**Approximate distance as per Ministry S.O 4132. (E) dated 20/09/2023**	**From ESZ**	**Heading in Degrees**

	Nagzira Wildlife sanctuary	0.44	168.50
	New Nagzira Wildlife sanctuary	0.4	168.50
	Koka Wildlife sactuary	0.44	168.50
	Navegaon Wildlife sanctuary	0.44	168.50
Forest	Malewada Forest Range~ 12.75 Km		
Nearest Defence installation	None within 10 km radius of the project		
Nearest CRZ	None within 10 km radius of the project		

Annexure 2 a - CGWA NOC

Annexure 2 b - MIDC WATER Agreement Letter

CGWA NOC

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Sufalam Industries Limited		
Project Address:	D-3, Midc Deori,, Tehsil Deori, District Gondia, Maharshtra		
Town:	Deori (ct)	Block:	Deori
District:	Gondia	State:	Maharashtra
Pin Code:			
Communication Address:	Plot D-3, Midc, Deori,, Taluka Deori, District- Gondia,, State Maharashtra, Deori, Gondia, Maharashtra - 441901		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	**NOC No.:**	CGWA/NOC/IND/ORIG/2023/18452	2.	**Date of Issuence**	08/05/2023
3.	Application No.:	21-4/7893/MH/IND/2022	4.	Category: (GWRE 2020)	Safe
5.	Project Status:	New Project	6.	NOC Type:	New
7.	**Valid from:**	12/01/2023	8.	**Valid up to:**	11/01/2026

9. Ground Water Abstraction Permitted:

Fresh Water		Saline Water		Dewatering		Total	
m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year
477.00	157410.00						

10. Details of ground water abstraction /Dewatering structures

	Total Existing No.:0						Total Proposed No.:7					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	1	0	6	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11. Ground Water Abstraction/Restoration Charges paid (Rs.): 314820.00

12. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.

	No. of Piezometers	Monitoring Mechanism		
		Manual	DWLR**	DWLR With Telemetry
**DWLR - Digital Water Level Recorder	1	0	1	0

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
https://cgwa-noc.gov.in

Application No,:	21-4/7893/MH/IND/2022		
Name of Firm:	SUFALAM INDUSTRIES LIMITED		
AppType Category:	*Distilleries*		
Application Type:	*Industrial*		
PAN/GSTIN No. of Firm/Individual:		/	

SN	Description	Amount (Rs.)
1.	Application Processing Fee	10000.00
2.	Ground Water Abstraction /Restoration charges	314820.00
3.	Environmental Compensation Charges (ECRGW) *(Date From to) Days-*	
4.	Penalty for non-Compliance of NOC conditions *Condition to be mentioned*	
	Rs. Rupees Three Lakh Twenty Four Thousand Eight Hundred Twenty Only	**324820.00**

This is an system generated invoice, hence, does not require ink signed.

Term and conditions:

i. All disputes are subject to Delhi Jurisdiction.
ii. Any complaint in regard to the rateswill not be entertained

Member-Secretary
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

देवरी नगर पंचायत तर्फे देवरी औद्योगीक क्षेत्रात सुफलाम इंडस्ट्रीज लिमीटेड यांच्या प्रस्तावित इथेनॉल प्रकल्पाकरीता कच्चा पाणी पुरवठा करणेकरीता सामंजस्य करार हा सामंजस्य करार देवरी येथे दिनांक २५ जानेवारी २०२२ रोजी खालील संस्थांमध्ये करण्यात आले.

मे. सुफलाम इंडस्ट्रीज लिमीटेड तर्फे श्री राजेश नवरंगलाल अग्रवाल, प्राधिकृत संचालक, १२५, अभयंकर रोड सिताबर्डी, नागपुर-४४००१२ (या दस्ताऐवजात पुढे पक्ष क्र. १ या नावाने गणल्या जाईल).

व

मुख्याधिकारी नगर पंचायत देवरीता. देवरी जि. गोंदिया (या दस्ताऐवजात पुढे पक्ष क्र. २ या नावाने गणल्या जाईल).

ज्याअर्थी देवरी औद्योगीक क्षेत्रात भुखंड क्र. D/३ येथे सुफलाम इंडस्ट्रीज लिमीटेड यांचे २०० KLPD क्षमतेचे Ethanol इंधनाचे प्रकल्प Ethanol Blending Programme of the Government of India अंतर्गत प्रस्तावित असून सदर प्रकल्पाकरीता१.५ MLD (दस लक्ष लिटर प्रति दिवस) प्रक्रीया न केलेले (Non-Treated Water) पाण्याचे अबाधित पुरवठ्याची आवश्यकता आहे.

SUFALAM INDUSTRIES LIMITED

आणि ज्याअर्थी आवश्यक पाणी पुरवठा करीता पक्ष क्र. १ यांनी १.५ MLD (दस लक्ष लिटर प्रति दिवस) प्रक्रीया न केलेले (Non-Treated Water) पाण्याचे मागंणी पक्ष २ यांचे कडे सादर केले असून मागणी प्रमाणे पाणी पुरवठा करण्याकरीता पक्ष क्र. २ यांनी महाराष्ट्र औद्योगीक विकास महामंडळ यांच्याकडे पत्र क्र. जा.क्र./नपंदे/मुख्या/४४६/२०२१ दिनांक ०७/१०/२०२१ अन्वये परवानगी साठी पत्र सादर केले होते. त्यानुषंगाने कार्यकारी अभियंता औद्योगीक विकास महामंडळ विभाग क्र.२ नागपुर यांचे पत्र क्र. जा.क्र./का.अ./ना.-२/E७९१५५/ २०२१ दिनांक १६/१२/२०२१ अन्वये सध्या स्थितीत महामंडळाच्या देवरी औद्योगीक क्षेत्रात महामंडळाची स्थायी पाणी पुरवठा योजना अस्तित्वात नसल्यामुळे नगर पंचायत देवरी तर्फे मे. सुफलाम इंडस्ट्रीज लिमीटेड यांना परस्पर पाणी पुरवठा करण्याकरीता नाहरकत पत्र दिले आहे.

उपरोक्त सर्व नमुद बाबींचे विचार करता पक्ष क्र.१ व पक्ष क्र. २ यांचे मध्ये खालील अटी व शर्तींच्या अधीन राहून सामंजस्य करार करण्यात आले.

१) शिरपुर धरणात पक्ष क्र. २ करीता सुधारीत पाणी आरक्षण मंजुरी प्राप्त झालेनंतरच पक्ष क्र. २ तर्फे पक्ष क्र. १ यांचे महाराष्ट्र औद्योगीक विकास महामंडळ क्षेत्रात भुखंड क्र. D/३ येथे प्रस्तावित इथेनॉल प्रकल्पाकरीता अबाधीत प्रक्रीया न केलेला पाणी रुपये रु. १० प्रति घ.मी. (दरवर्षी १० टक्के वाढीस अनुसरुन) प्रमाणे पुरवठा करणार असून सदर कराराचे दर ५ वर्षाच्या कालावधीत नुतणीकरण करणे आवश्यक राहील. तसेच सदर करारातील कोणतीही अटी शर्ती बदल करण्याचे अधिकार पक्ष क्र.२ कडे असतील.

२) सदर सामंजस्य करार कर्तावेळेस पक्ष क्र.१ व्दारे एकुण रु. २,००,०००/-(दोन लक्ष) इतकी रक्कम व्याज मुक्त सुरक्षा ठेव स्वरुपात पक्ष क्र. २ यांना धनादेश क्रं.०००३७७ दिनांक२२ जानेवारी २०२२ अन्वये अदा करीत आहे.

३) पक्ष क्र. २ यांनी सदर पाणी पुरवठा करीता शिरपुर धरणातुन पाणी उपसा करण्यासाठी व्यवस्था, एकुण १३ की.मी. लांबीची नविन जलवाहीनी टाकण्याकरीता, सदर जलवाहीनीवर जलमापक बसविण्याकरीता तसेच इतर आवश्यक अनुषांगीक कामाकरीता मा. प्रधान सचिव, नगर विकास विभाग, महाराष्ट्र शासन यांच्याकडे पत्र जा.क्र./नपदे/मुख्या/५७१/२०२१ दिनांक १८/११/२०२१ अन्वये आवश्यक अनुदानाची मागणी पत्र सादर केले असून सदर अनुदान प्राप्तीनंतरच विहीत शासननिर्णयानुसार पाणी पुरवठा संबंधीत कामे पक्ष क्र.२ व्दारे सुरु करण्यात येतील.

४) पाणी टंचाईची परीस्थिती उदभ्वल्यास पक्ष क्र.२ यांचे मंजुर पाणी आरक्षणातून देवरी शहरातील नागरीकांना पिण्याचे पाणी पुरवठ्याला प्रथम प्राधान्य देण्यात येईल. त्यानंतरच पक्ष क्र. १ यांना शिल्लक पाणी साठ्यातून पाणी पुरवठा करण्यात येईल.

५) मुद्दा क्र. ३ अनुसार अनुदान प्राप्ती व अनुषांगीक कार्ये नाही झाली तर पक्ष क्र.२ हे शिरपुर धरणातून पाणी उपसा करुन पक्ष क्र.१ यांच्या प्रस्तावित प्रकल्पास पाणी पुरवठा करण्यास असमर्थ असल्यास सदर पाणी पुरवठा बाबत सर्व कामे पक्ष क्र.१ यांच्या स्वःनिधीतून पुर्ण करण्याची परवानगी पक्ष क्र.२ यांच्या मालकीची उपयोगायोग्य जुनी पाईपलाईनची शासकीय दरानुसार रक्कम आकारुन पक्ष क्र. १ ला देण्यात येईल. तसेच सदर पाणी पुरवठा संबंधीत सर्व कामे पक्ष क्र.१ यांच्या तर्फे पुर्ण झाल्यानंतर टाकण्यात आलेली पाईपलाईनचे देखभाल व दुरुस्तीची पक्ष क्र.२ तर्फे करण्यात येईल व याबाबतचे खर्च पक्ष क्र.१ ला अदा करावे लागेल.

६) शिरपुर जलशयातुन कच्चे पाणी उचल करण्याकरीता आकारण्यात येणारे शुल्कामध्ये भविष्यात पाटबंधारे विभाग यांच्याकडुन वाढ करण्यात आल्यास सदर शुल्क वाढीस अनुसरुन पक्ष क्र. १ यांना पाणी पुरवठा करण्याकरीता आकारण्यात येणा-या शुल्कात वाढ करण्यात येईल.

SUFALAM INDUSTRIES LIMITED

वरील अटी व शर्तीस अधिन राहून दिनांक २५ जानेवारी २०२२ रोजी मे. सुफलाम इंडस्ट्रीज लिमीटेड, नागपुर यांच्या वतीने श्री राजेश नवरंगलाल अग्रवाल, प्राधिकृत संचालक (पक्ष क्र.१) यांनी आपली स्वाक्षरी करुन कार्यालयीन मोहोर उमटविली आहे व नगर पंचायत देवरीच्या वतीने मुख्याधिकारी, नगर पंचायत देवरी (पक्ष क्र.२) यांनी स्वाक्षरी करुन मोहोर उमटविली आहे.

श्री राजेश नवरंगलाल अग्रवाल, प्राधिकृत संचालक
मे. सुफलाम इंडस्ट्रीज लिमीटेड, नागपुर (पक्ष क्र.१)

साक्षीदारः- १) Cdr Sunil Mohanil .....

२) .....Sachin Meshram..J.E N.P. Deori.

मुख्याधिकारी,
नगर पंचायत देवरी (पक्ष क्र.२)
ता. देवरी, जि. गोंदिया (महा.)

मुख्याधिकारी
नगर पंचायत देवरी

साक्षीदारः- १) Alok Wankhede .....

२) .....K.G. Somkuwar

Annexure 3 Monitoring report

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

(MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, ***Website:*** www.earthcarenagpur.com

Test Report
Water Quality

Format No. : ELPL/QD4/TRD/7.8/W

Report No. : ELPL/09-25/39	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Drinking Water Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Sept-25/597/96/W-39	Sampling Location : Drinking Water from Canteen Water Cooler Env. Condition : Sunny (during sampling)
Sampling Date : 29-09-2025 Sample Receipt Date : 29-09-2025	Sampled by : ELPL Representative
Period of Analysis : From 30-09-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Chemical, **Group :** Water & Residues in Water, **Materials/Products Tested :** Drinking Water					
1	Colour	Colour Units	5/15	1.0	IS 3025 (Part 4)
2	Odour	--	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH value	--	6.5 to 8.5	7.34	IS 3025(Part 11)
4	Electrical Conductivity	µS/ cm	--	762.9	IS 3025 (Part 14)
5	Turbidity	NTU	1/5	0.48	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	500/2000	421.0	IS 3025 (Part 16)
7	Calcium (as Ca)	mg/l	75/200	61.3	IS 3025 (Part 40)
8	Chloride (as Cl)	mg/l	250/1000	17.6	IS 3025 (Part 32)
9	Fluoride (as F)	mg/l	1.0/1.5	BDL (< 0.2)	IS 3025 (Part 60)
10	Free Residual Chlorine	mg/l	0.2/1.0	BDL (< 0.1)	IS 3025 (Part 26)
11	Iron (as Fe)	mg/l	0.3	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)
12	Magnesium (as Mg)	mg/l	30/100	27.1	APHA-23rd Ed. 3500–Mg B., Pg. No. 3-86
13	Sulphate (as SO_4)	mg/l	200/400	31.4	APHA-23nd Ed. 4500-SO_4^{2-} E

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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Format No. : ELPL/QD4/TRD/7.8/W

Report No. : ELPL/09-25/39 | Report Date : 07-10-2025

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
14	Total Alkalinity (as $CaCO_3$)	mg/l	200/600	131.5	IS 3025 (Part 23)
15	Total Hardness (as $CaCO_3$)	mg/l	200/600	172.3	IS 3025 (Part 21)
16.	Ammonical Nitrogen (as N)	mg/l	0.5	BDL (< 0.1)	IS 3025 (Part 34):1988 RA 2019 (Clause No. 2.3)
17.	Total Suspended Solids (TSS)	mg/l	--	BDL (< 0.4)	IS 3025 (Part 17)
18.	Biochemical Oxygen demand or BOD, 3 days at 27 degree C.	--	--	BDL (< 2.0)	IS 3025 (Part 44)
19.	Chemical Oxygen Demand (COD)	mg/l	--	14.0	IS 3025 (Part 58)
20.	Magnesium Hardness (as CaCO3)	mg/l	--	3.10	APHA-23rd Ed. 3500–Mg B., Pg. No. 3-86
21.	Total Silica	mg/l	--	18.9	IS 3025 (Part 35): 1988 RA 2019 (Clause No. 3)

Note : 1. * indicates IS 10500 : 2012 RA 2012 Drinking Water – Specification as Requirement (Acceptable Limit) / Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit

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Test Report
Effluent Quality

Format No.: ELPL/QD4/TRD/7.8/ED

Report No. : ELPL/09-25/36	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Sewage) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Sept-25/597/96/ED-36	Sampling Location : STP Untreated Water Environment Condition: Sunny (during sampling)
Sampling Date : 29-09-2025 Sample Receipt Date : 29-09-2025	Sampled by : ELPL Representative
Period of Analysis : From 30-09-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Sewage)				
1.	pH value	--	8.24	IS 3025 (Part 11)
2.	Total Suspended Solids (TSS)	mg/l	10.0	IS 3025 (Part 17)
3.	Total Dissolved Solids	mg/l	948.0	IS 3025 (Part 16)
4.	Chemical Oxygen Demand (COD)	mg/l	321.0	IS 3025 (Part 58)
5.	Biochemical Oxygen Demand (BOD)	mg/l	46.0	IS 3025 (Part 44)
6.	Oil & Grease	mg/l	BDL (< 0.2)	IS 3025(Part 39)

Note: Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Effluent Quality

Format No.: ELPL/QD4/TRD/7.8/ED

Report No. : ELPL/09-25/37	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Sewage) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Sept-25/597/96/ED-37	Sampling Location : STP Treated Water Environment Condition: Sunny (during sampling)
Sampling Date : 29-09-2025 Sample Receipt Date : 29-09-2025	Sampled by : ELPL Representative
Period of Analysis : From 30-09-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Sewage)					
1.	pH value	--	6.5 to 9.0	8.46	IS 3025 (Part 11)
2.	Total Suspended Solids (TSS)	mg/l	100.0	2.26	IS 3025 (Part 17)
3.	Total Dissolved Solids	mg/l	2100.0	698.0	IS 3025 (Part 16)
4.	Chemical Oxygen Demand (COD)	mg/l	250.0	242.0	IS 3025 (Part 58)
5.	Biochemical Oxygen Demand (BOD)	mg/l	100.0	25.0	IS 3025 (Part 44)
6.	Oil & Grease	mg/l	10.0	BDL (< 0.2)	IS 3025(Part 39)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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Test Report

Format No. : ELPL/QD4/TRD/7.8/BAC

Water Quality for Potability

Report No. : ELPL/09-25/54	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Drinking Water Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Sept-25/597/96/BAC-54	Sampling Location : Drinking Water from Canteen Water Cooler Env. Condition : Sunny (during sampling)
Sampling Date : 29-09-2025 Sample Receipt Date : 29-09-2025	Sampled by : ELPL Representative
Period of Analysis : From 30-09-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Biological, **Group :** Water, **Materials/ Products Tested :** Drinking Water					
1.	Total Coliform Bacteria	MPN/100 ml	Shall not be Detectable	Not Detected	APHA: 9221 (B) 23rd Edition
2.	Thermotolerant/Fecal Coliform Bacteria	MPN/100 ml	Shall not be Detectable	Not Detected	APHA: 9221 (E) 23rd Edition

Note :
1. * indicates IS 10500 : 2012 RA 2012 Drinking Water – Specification as Requirement (Acceptable Limit)/ Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit
2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Ambient Air Quality

Format No.: ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/09-25/332	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Ambient Air Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/AA-332	Sampling Location : Near HR Office Environment Condition : Sunny (during sampling)
Sampling Date : 29-09-2025 to 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Avg. Ambient Temp : 28.6 °C Avg. Relative Humidity : 72.3 %	Prominent Wind Direction : N Average Wind Speed : 7.9 Km/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Chemical, **Group:** Atmospheric Pollution, **Materials/Products Tested :** Ambient Air					
1.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	80	7.54	IS 5182 (Part 2)
2.	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	10.6	IS 5182 (Part 6)
3.	Particulate Matter size less than 10 µm (PM_{10})	$\mu g/m^3$	100	56.1	IS 5182 (Part 23)
4.	Particulate Matter size less than 2.5 µm ($PM_{2.5}$)	$\mu g/m^3$	60	24.9	IS : 5182 (Part 24)

Note : 1. * indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended).
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Ambient Air Quality

Format No.: ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/09-25/333	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Ambient Air Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/AA-333	Sampling Location : Near Admin Building Environment Condition : Sunny (during sampling)
Sampling Date : 29-09-2025 to 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Avg. Ambient Temp : 28.6 °C Avg. Relative Humidity : 72.3 %	Prominent Wind Direction : N Average Wind Speed : 7.9 Km/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Chemical, **Group:** Atmospheric Pollution, **Materials/Products Tested :** Ambient Air					
1.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	80	8.24	IS 5182 (Part 2)
2.	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	12.6	IS 5182 (Part 6)
3.	Particulate Matter size less than 10 µm (PM_{10})	$\mu g/m^3$	100	58.3	IS 5182 (Part 23)
4.	Particulate Matter size less than 2.5 µm ($PM_{2.5}$)	$\mu g/m^3$	60	26.1	IS : 5182 (Part 24)

Note : 1. * indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended).
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Test Report
Ambient Air Quality

Format No.: ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/09-25/334	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Ambient Air Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/AA-334	Sampling Location : Near Staff Quarter Environment Condition : Sunny (during sampling)
Sampling Date : 29-09-2025 to 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Avg. Ambient Temp : 28.6 °C Avg. Relative Humidity : 72.3 %	Prominent Wind Direction : N Average Wind Speed : 7.9 Km/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline : Chemical, **Group:** Atmospheric Pollution, **Materials/Products Tested :** Ambient Air					
1.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	80	7.82	IS 5182 (Part 2)
2.	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	10.5	IS 5182 (Part 6)
3.	Particulate Matter size less than 10 µm (PM_{10})	$\mu g/m^3$	100	60.2	IS 5182 (Part 23)
4.	Particulate Matter size less than 2.5 µm ($PM_{2.5}$)	$\mu g/m^3$	60	28.7	IS : 5182 (Part 24)

Note : 1. * indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended).
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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/09-25/143	Report Date: 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/S-143	Sampling Location : CPP-5 MW Environment Condition : Sunny (during sampling)
Sampling Date : 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Stack Height : 60.0 mtr Stack Diameter at Port : 3.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 135 °C Velocity of Flue Gas : 4.96 m/sec Flow Rate of Flue Gas : 89402.13 Nm^3/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	108.4	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	35.9	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	206.66	77.1	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	38.2	IS 11255 (Part 7)
5.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
6.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/09-25/144	Report Date: 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/S-144	Sampling Location : D.G. Set -1, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 103 °C Velocity of Flue Gas : 4.76 m/sec Flow Rate of Flue Gas : 413.68 Nm^3/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	59.6	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	68.3	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	0.67	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	79.1	IS 11255 (Part 7)
5.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
6.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/09-25/145	Report Date: 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-25/597/97/S-145	Sampling Location : D.G. Set -2, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 30-09-2025 Sample Receipt Date : 01-10-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 104 °C Velocity of Flue Gas : 4.44 m/sec Flow Rate of Flue Gas : 384.92 Nm^3/Hr
Period of Analysis : From 01-10-2025 to 07-10-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	100	41.8	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	74.3	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	0.68	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	82.1	IS 11255 (Part 7)
5.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
6.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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Test Report
Workplace Noise Quality

Format No. ELPL/QD4/TRD/7.8/WN

Report No. : ELPL/09-25/80	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Workplace Noise	Sampling Location: Near Store Area
Sampling Ref Method : IS 9989	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Sept-25/597/97/WN-80	
Sampling Date : 29-09-2025	Sampled by : ELPL Representative

Results of Measurements

Parameter	Norms*	Hourly Average
Discipline : Chemical, **Group** : Atmospheric Pollution , **Materials/ Products Tested** : Workplace Noise		
Sound Pressure Level Lp dB (A)	85	69.4

Note : 1. * indicates First Schedule, Factories Act (Chapter104 Section102 (1) Factories (Noise) Regulations.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

** End of the Report **

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization
(MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report

Format No. ELPL/QD4/TRD/7.8/WN

Workplace Noise Quality

Report No. : ELPL/09-25/81	Report Date : 07-10-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Workplace Noise	Sampling Location: Near ETP Area
Sampling Ref Method : IS 9989	Environment Condition : Sunny (during sampling)
Sample Inward No. : ELPL/Sept-25/597/97/WN-81	
Sampling Date : 29-09-2025	Sampled by : ELPL Representative

Results of Measurements

Parameter	Norms*	Hourly Average
Discipline : Chemical, **Group** : Atmospheric Pollution , **Materials/ Products Tested** : Workplace Noise		
Sound Pressure Level Lp dB (A)	85	71.2

Note : 1. * indicates First Schedule, Factories Act (Chapter104 Section102 (1) Factories (Noise) Regulations.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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(C.P. Jadhao)
Quality Manager

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/108-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-108	Sampling Location : CPP-5 MW Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 60.0 mtr Stack Diameter at Port : 3.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 137 °C Velocity of Flue Gas : 4.62 m/sec Flow Rate of Flue Gas : 83141.74 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	112.6	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	38.4	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	206.66	156.2	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	41.6	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/108-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-108	Sampling Location : CPP-5 MW Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 60.0 mtr Stack Diameter at Port : 3.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 137 °C Velocity of Flue Gas : 4.62 m/sec Flow Rate of Flue Gas : 83141.74 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/109-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-109	Sampling Location : D.G. Set -1, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 102 °C Velocity of Flue Gas : 8.84 m/sec Flow Rate of Flue Gas : 773.47 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	62.1	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	71.4	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	1.32	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	83.2	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Gadhao

(C.P. Jadhao)
Quality Manager

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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/109-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-109	Sampling Location : D.G. Set -1, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 102 °C Velocity of Flue Gas : 8.84 m/sec Flow Rate of Flue Gas : 773.47 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--		USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

EARTHCARE LABS PVT. LTD. NAGPUR

Verified & Authorized by

(C.P. Jadhao)
Quality Manager

** End of the Report **

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EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization
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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/110-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-110	Sampling Location : D.G. Set -2, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 109 °C Velocity of Flue Gas : 8.57 m/sec Flow Rate of Flue Gas : 736.06 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	100	43.7	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	76.7	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	1.35	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	86.9	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/110-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-110	Sampling Location : D.G. Set -2, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 109 °C Velocity of Flue Gas : 8.57 m/sec Flow Rate of Flue Gas : 736.06 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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(C.P. Jadhao)
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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/31-A	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-31	Sampling Location : Process Condensate Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Colour	Colour Units	1.0	IS 3025 (Part 4)
2	Odour	--	Disagreeable	IS 3025 (Part 5)
3	pH value	--	3.8	IS 3025(Part 11)
4	Electrical Conductivity	µS/ cm	352.5	IS 3025 (Part 14)
5	Turbidity	NTU	11.5	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	236.0	IS 3025 (Part 16)
8	Total Suspended Solids (TSS)	mg/l	BDL (< 0.4)	IS 3025 (Part 17)
8	Biochemical Oxygen demand or BOD, 3 days at 27 degree C.	--	810.0	IS 3025 (Part 44)
9	Chemical Oxygen Demand (COD)	mg/l	1750.0	IS 3025 (Part 58)
10	Free Residual Chlorine	mg/l	BDL (< 0.1)	IS 3025 (Part 26)
11	Ammonical Nitrogen (as N)	mg/l	BDL (< 0.1)	IS 3025 (Part 34)
12	Calcium (as Ca)	mg/l	52.1	IS 3025 (Part 40)
13	Chloride (as Cl)	mg/l	49.6	IS 3025 (Part 32)
14	Fluoride (as F)	mg/l	BDL (< 0.2)	APHA-23rd Ed. 4500–F^- C
15	Iron (as Fe)	mg/l	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)

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Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/32-A | Report Date : 03-05-2025

Sr. No.	Test Parameters	Unit	Result	Test Method
16	Total Silica	mg/l	17.2	IS 3025 (Part 35): 1988 RA 2019 (Clause No. 3)
17	Magnesium (as Mg)	mg/l	39.6	APHA-23rd Ed. 3500–Mg B.
18	Sulphate (as SO_4)	mg/l	36.7	APHA-23nd Ed. 4500-SO_4^{2-} E
19	Total Alkalinity (as $CaCO_3$)	mg/l	105.6	IS 3025 (Part 23)
20	Total Hardness (as $CaCO_3$)	mg/l	110.0	IS 3025 (Part 21)

Note : Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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(C.P. Jadhao)
Quality Manager

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Email: earthcare2000@gmail.com, ***Website:*** www.earthcarenagpur.com

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/31-B	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-31	Sampling Location : Process Condensate Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Magnesium Hardness (as CaCO3)	mg/l	1.62	APHA-23rd Ed. 3500–Mg B., Pg. No. 3-86

Note : Test results relates to sample collected & tested only for the selected parameters . It shall not be reproduced partially or fully without prior approval of ELPL.

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Quality Manager

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Email: earthcare2000@gmail.com, ***Website:*** www.earthcarenagpur.com

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/29-A	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-29	Sampling Location : Final Permit Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Colour	Colour Units	1.0	IS 3025 (Part 4)
2	Odour	--	Agreeable	IS 3025 (Part 5)
3	pH value	--	6.78	IS 3025(Part 11)
4	Electrical Conductivity	µS/ cm	28.8	IS 3025 (Part 14)
5	Turbidity	NTU	0.25	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	18.0	IS 3025 (Part 16)
7	Total Suspended Solids (TSS)	mg/l	BDL (< 0.4)	IS 3025 (Part 17)
8	Biochemical Oxygen demand or BOD, 3 days at 27 degree C.	--	BDL (< 2.0)	IS 3025 (Part 44)
9	Chemical Oxygen Demand (COD)	mg/l	8.20	IS 3025 (Part 58)
10	Free Residual Chlorine	mg/l	BDL (< 0.1)	IS 3025 (Part 26)
11	Ammonical Nitrogen (as N)	mg/l	BDL (< 0.1)	IS 3025 (Part 34)
12	Calcium (as Ca)	mg/l	8.23	IS 3025 (Part 40)
13	Chloride (as Cl)	mg/l	10.4	IS 3025 (Part 32)
14	Fluoride (as F)	mg/l	BDL (< 0.2)	APHA-23rd Ed. 4500–F⁻ C
15	Iron (as Fe)	mg/l	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)

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Email: earthcare2000@gmail.com, ***Website:*** www.earthcarenagpur.com

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/29-A | Report Date : 03-05-2025

Sr. No.	Test Parameters	Unit	Result	Test Method
16	Total Silica	mg/l	3.40	IS 3025 (Part 35): 1988 RA 2019 (Clause No. 3)
17	Magnesium (as Mg)	mg/l	12.3	APHA-23rd Ed. 3500–Mg B.
18	Sulphate (as SO_4)	mg/l	9.26	APHA-23nd Ed. 4500-SO_4^{2-} E
19	Total Alkalinity (as $CaCO_3$)	mg/l	54.7	IS 3025 (Part 23)
20	Total Hardness (as $CaCO_3$)	mg/l	61.3	IS 3025 (Part 21)

Note: Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

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Annexure 4 PESO certificate & Layout

PESO certificate & Layout

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Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)

E-mail : jtccomumbai@explosives.gov.in
Phone/Fax No : 022 - 27575946,27573881

संख्या /No : A/P/WC/MH/15/7482 (P524316) दिनांक /Dated : 28/06/2024

सेवा में /To,

Mis. Sufalam Industries Ltd.
Apt.No.701/2,7th Floor,B-Wing,Block No.B-3,Devaki,,
Jamtha Tal.Nagpur
Jamtha,
Taluka: Nagpur (Rural),
District: NAGPUR
State: Maharashtra
PIN: 441122

विषय /Sub : Plot No, D-3, Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901 में वर्गीकृत पेट्रोलियम वर्ग A अधिष्ठापन - पूर्वानुमोदन के अधिक्रमण के संदर्भ में ।
Proposed Petroleum Class A Installation at Plot No, D-3, Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901 Regarding in supersession of prior approval

महोदय
/Sir(s),

कृपया आपके पत्र संख्या OIN1702471 दिनांक 27/06/2024 का संदर्भ ग्रहण करें ।
Please refer to your letter No. OIN1702471 dated 27/06/2024

अनुमोदित किया जाता है तथा प्रत्येक अभिलेख की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।
The Drawing(s) nos. P/SIL/N6/21/05-24 dated 17/05/2024, P/SIL/N6/21/05-24 dated 17/05/2024 , showing the site and layout etc. of the above installation is/are approved in supersession of old Drawings and a copy (of each) of the same is returned herewith duly endorsed in token of approval.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें ।
The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

Conditions of the Approval:-
Sortest inter distance between storage vessel (periphery) to the firewater tank and pump house shall be incorporated in the site plan. 2.foundation details of the storage tank shall be incorporated in layout plan .3. QRA report along with closure report shall be submitted at the time of grant of lic .4. The provision of earthing to be provided at the tanker loading/unloading. 5. LoI from an authorized supplier to be furnished.

1. प्रारूप ix(संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
   An Application in Form IX (enclosed) duly filled in and signed.
2. पेट्रोलियम नियम 2002 के तहत अभिलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुज्ञप्ति शुल्क रू 50000/- (प्रति वर्ष – अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
   A license fee of Rs. 50000/- (per year - maximum upto 10 years)to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी इक संशोधन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की छह प्रिंट या सीएडी (CAD) प्रिंट में सात प्रतियाँ।
   Four copies of the approved plans.
4. इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के बदौल जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्रारूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
   Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person
5. पेट्रोलियम नियम, 2002 के नियम 144 के तहत निर्धारित प्रपत्र के अनुसार जिला प्राधिकरण (एलएसडीए) मॉड्यूल के लाइसेंसिंग सिस्टम के माध्यम से जारी किया गया अनापत्ति प्रमाण पत्र, उसके हस्ताक्षर और मुहर के साथ पृष्ठांकित अभिलेखन /प्लान की प्रति के साथ ही । पूर्वमपत्र : https://lsda.peso.gov.in/LSDAOnline/Login.aspx पोर्टल के माध्यम से ऑनलाइन एन.ओ.सी आवेदन, ई-फाइलिंग किया जा सकता है।
   No objection certificate issued under Rule 144 of the Petroleum Rules, 2002 as per prescribed proforma by the District Authority through Licensing System for District Authority (LSDA) module only together with a copy of drawings/plans endorsed with his sign and seal. Online NOC application eFiling may be accessed through URL : https://lsda.peso.gov.in/LSDAOnline/Login.aspx
6. इस कार्यालय में होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों)के नमूना हस्ताक्षर।
   Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisationwith a copy to Controller of Explosives, WARDHA , WARDHA.

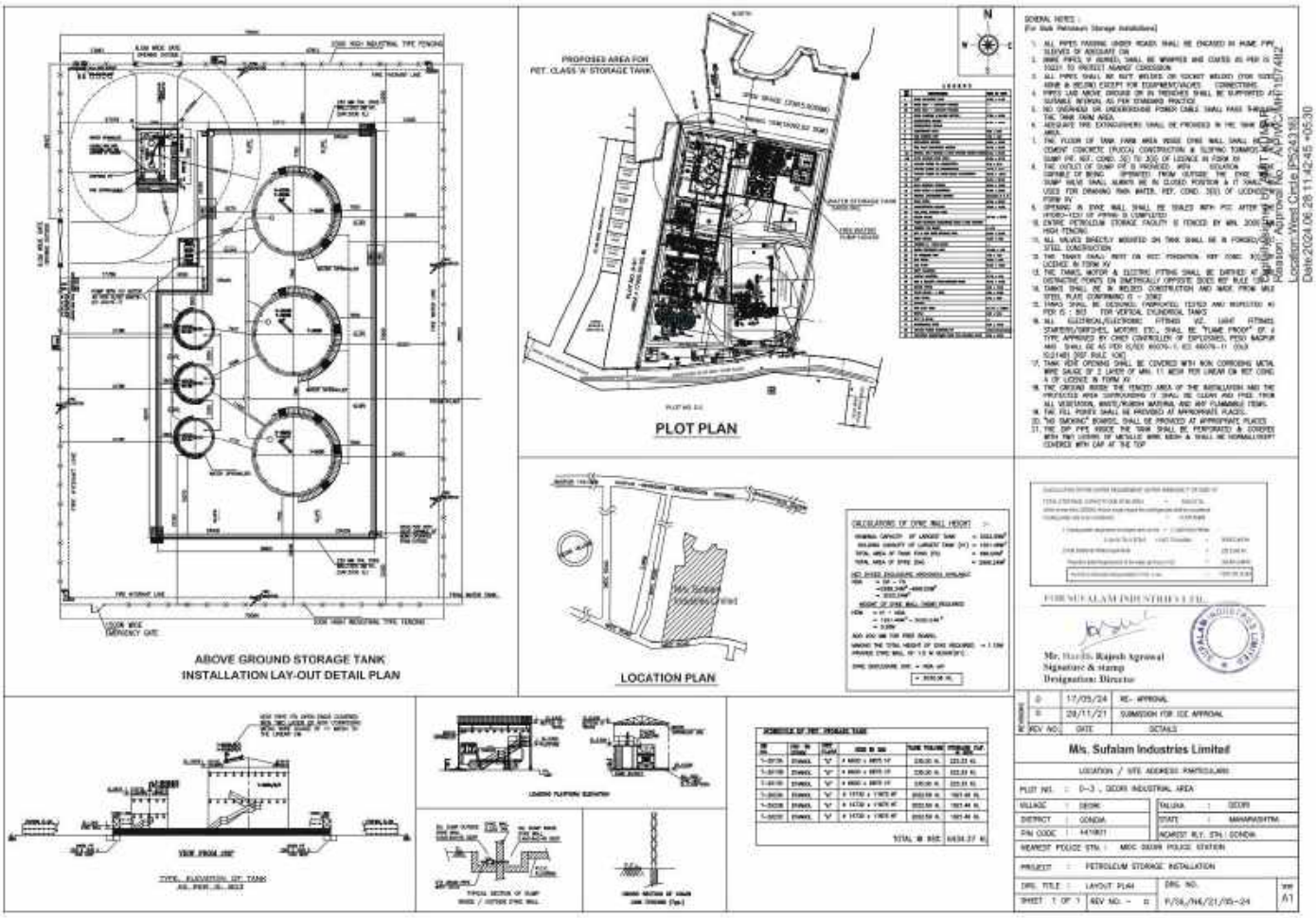
पी.एस.आर. 619(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के 'सॉलवेन्ट, रैफिनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आदेशनामा/प्रावधान का कृपया पालन करें।
Please follow the requirement/provision of " Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 619(E) dated 05/06/2000.

फिर भी, यह अनुमोदन/अनुमति अन्य संबंधितों से आवश्यक अनुमति/संतोषजनक प्राप्त करने में या वहां लागू अन्य विधियों से छूट नहीं देती है।
This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

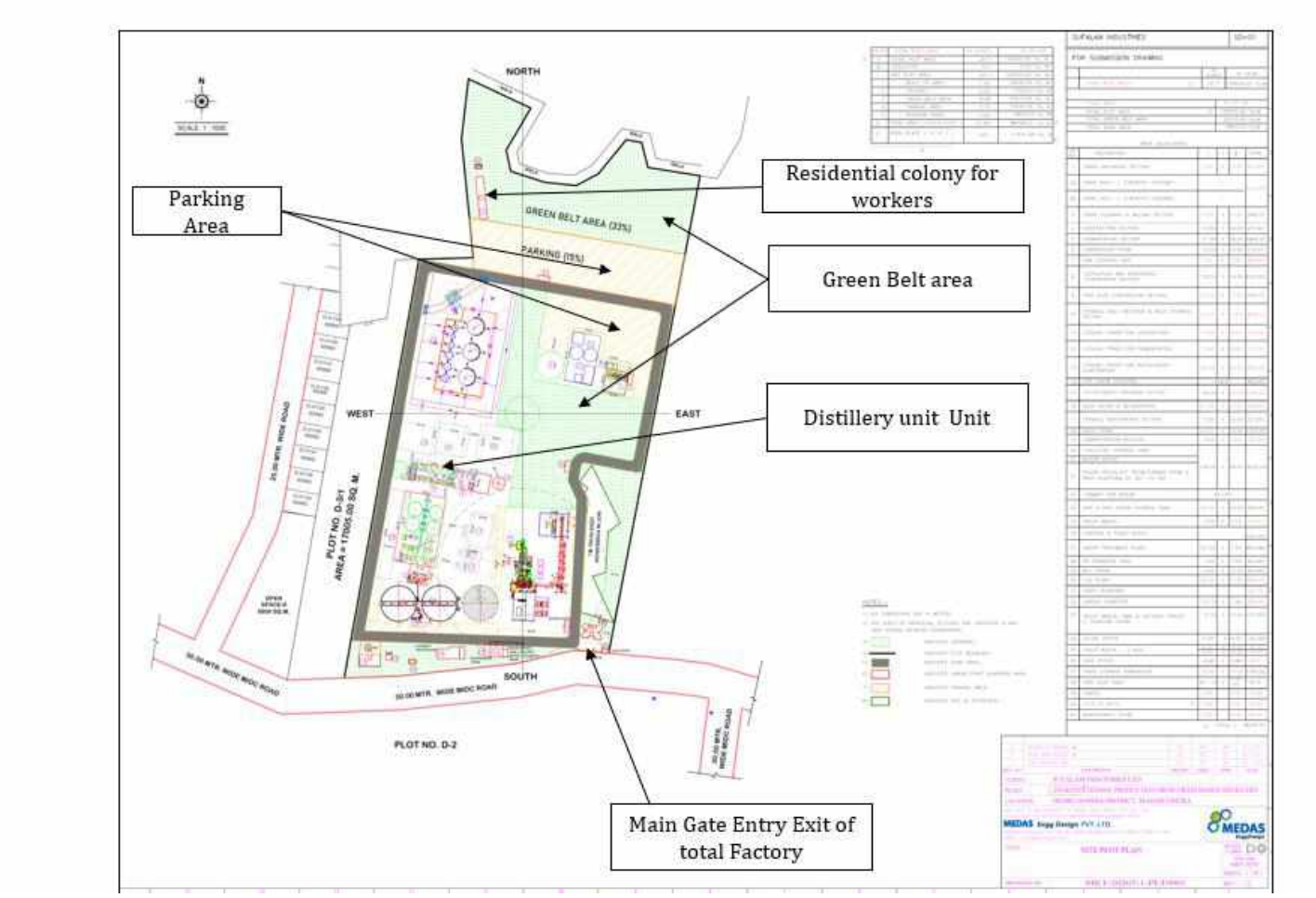
((अमित कुमार)
(Amit Kumar))
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

Note:-This is system generated document does not require signature.
(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)


ABOVE GROUND STORAGE TANK
INSTALLATION LAY-OUT DETAIL PLAN
PROPOSED AREA FOR
PET. CLASS 'A' STORAGE TANK
PLOT PLAN
LOCATION PLAN
GENERAL NOTES :
For Bulk Petroleum Storage Installations
FOR SUFALAM INDUSTRIES LTD.
Mr. Harish Rajesh Agrawal
Signature & stamp
Designation: Director
Mis. Sufalam Industries Limited
LOCATION / SITE ADDRESS PARTICULARS
PLOT NO. : D-3 , DEORI INDUSTRIAL AREA
VILLAGE : DEORI
TALUKA : DEORI
DISTRICT : GONDIA
STATE : MAHARASHTRA
PIN CODE : 441807
NEAREST R.LY. STN.: GONDIA
NEAREST POLICE STN. : MIDC DEORI POLICE STATION
PROJECT : PETROLEUM STORAGE INSTALLATION
DRG. TITLE : LAYOUT PLAN
DRG. NO. : F/SIL/PNL/21/05-24
SHEET 1 OF 1
REV NO. : 0
SIZE A1
17/05/24 RE- APPROVAL
28/11/21 SUBMISSION FOR ICE APPROVAL
REV NO. DATE DETAILS
Digitally signed by Location: Vivek Circle [PS243161]
Date: 2024.06.28 11:42:45 +05'30'

Annexure 5 Parking Layout

Parking Layout

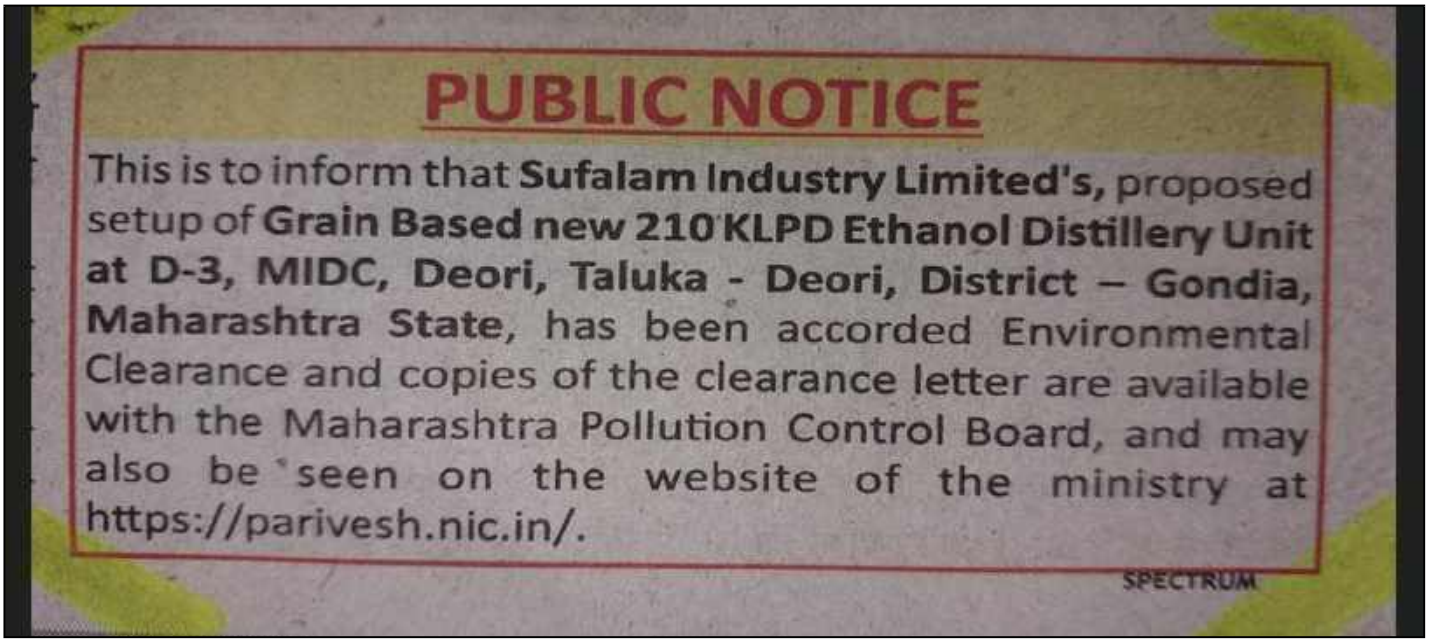


Annexure 6 Advertisement in Local Newspaper

Advertisement in Local Newspaper

In English Newspaper

lokmat samachar apna Vidarbha, Dated 28 Feb 2022



PUBLIC NOTICE

This is to inform that **Sufalam Industry Limited's,** proposed setup of **Grain Based new 210 KLPD Ethanol Distillery Unit at D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State,** has been accorded Environmental Clearance and copies of the clearance letter are available with the Maharashtra Pollution Control Board, and may also be seen on the website of the ministry at https://parivesh.nic.in/.

SPECTRUM

In Marathi Newspaper

lokamat, Dated 28 Feb 2022



सार्वजनिक सूचना

सुफलाम इंडस्ट्रीज लि. द्वारा सर्व सामान्याला हे कळविण्यात येते की आमच्या, D-3, MIDC, देवरी, तालुका - देवरी, जिल्हा - गोंदिया, महाराष्ट्र राज्य, येथे धान्य आधारित नवीन 210 K L P D इथेनॉल डिस्टिलरी युनिटच्या प्रस्तावित कारखानयाला **पर्यावरणीय मंजुरी प्रदान** करण्यात आली आहे आणि मंजुरी पत्राच्या प्रती **महाराष्ट्र प्रदूषण नियंत्रण मंडळा च्या कार्यालयात** उपलब्ध आहेत आणि **मंत्रालयाच्या https://parivesh.nic.in/** या वेबसाइटवर सुद्धा पाहता येईल.

Annexure 7 Training awareness on Site of Sufalam industries and Fire Safety training

SUFALAM
Industries Ltd.

BASIC FIRE SAFETY TRAINING

DATE-05/09/2025

TIME-04:00 PM

LOCATION – MAIN GATE (Officer Enclave)



SUFALAM
Industries Ltd.





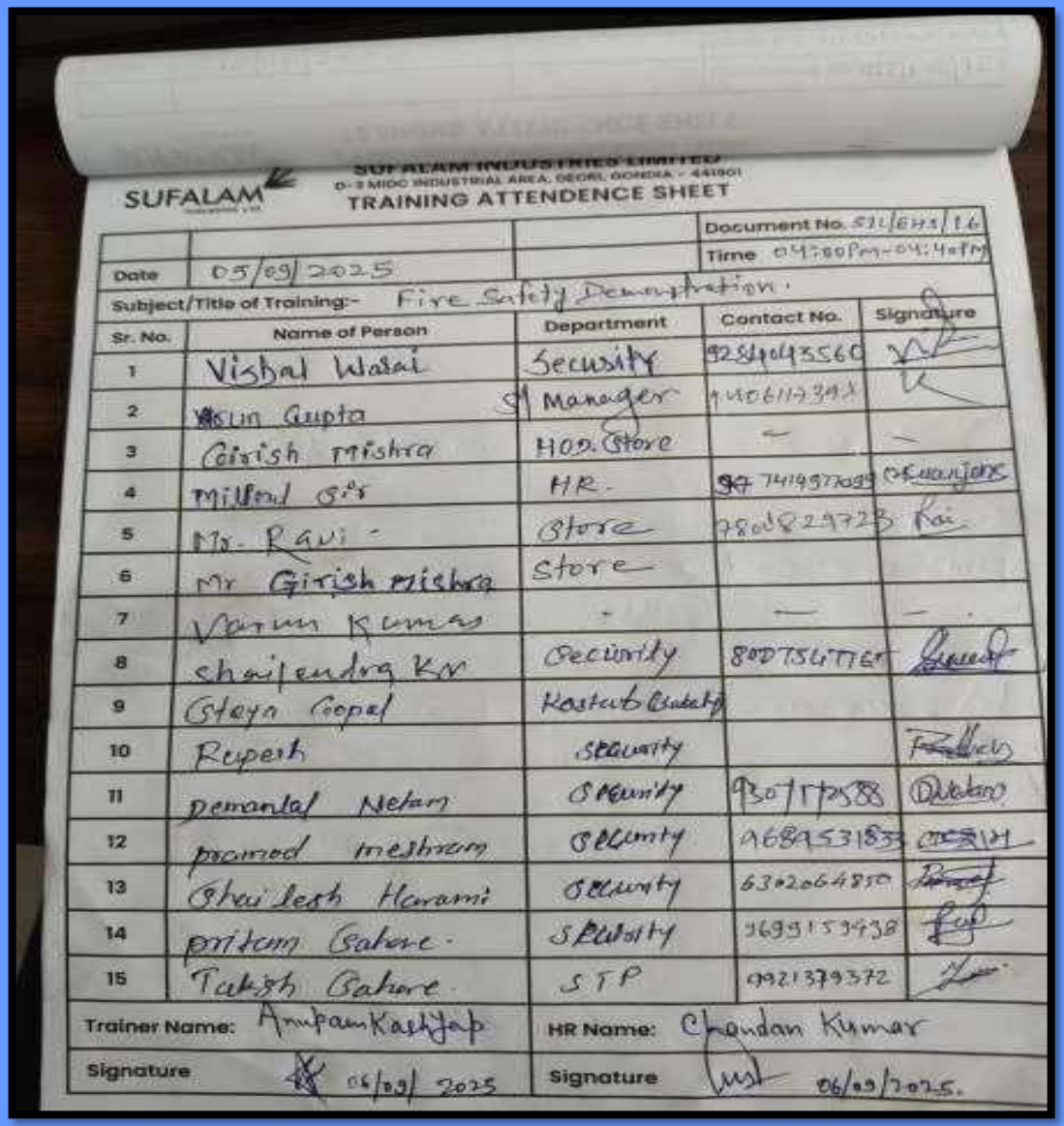








SUFALAM
Industries Ltd.



SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901

SUFALAM

TRAINING ATTENDENCE SHEET

Document No. SIL/EHS/16

Date: 05/09/2025 | Time: 04:30Pm-04:45PM

Subject/Title of Training:- Fire Safety Demonstration.

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Vishal Wasai	Security	9284043560	
2	Arun Gupta	Manager	7400611393	
3	Girish Mishra	HOD. Store	—	—
4	Milind Sir	HR.	7419577099	
5	Mr. Ravi	Store	7800829723	
6	Mr Girish Mishra	Store		
7	Varun Kumar	—	—	—
8	Shailendra KR	Security	8007516777	
9	Shyam Gopal	Kastkar Safety		
10	Rupesh	Security		
11	Devanand Netam	Security	9307172588	
12	Pramod Meshram	Security	9689531833	
13	Shailesh Harami	Security	6302064850	
14	Pritam Gahane	Security	7699159438	
15	Tukesh Gahane	STP	9921379372	

Trainer Name: Anupam Kashyap | HR Name: Chandan Kumar

Signature: 05/09/2025 | Signature: 06/09/2025.

Special Safety Awareness Session

TRAINING REPORT:-
Company Name: - Sufalam Industries Ltd.
Location: Near Grain Silo (Mill area)
Date: 09/08/2025
Time: 03:30 pm- 05:00 pm
Organized by: EHS Department
Supervised by: Plant Head
Participants: All Presented SIL employees & helpers
Trainer Name: Anupam Kashyap & Ashish Singh (Mechanical head)

Objective of the Session:

The primary aim of this special safety awareness session was to increase safety consciousness among employees, prevent workplace accidents, and ensure a safe working environment for all.

Key Topics Covered:

1. **Mandatory LOTO (Lockout - Tagout) Procedures**:

The importance of strictly following LOTO procedures in all electrical and mechanical work was emphasized.

Practical demonstration was conducted by **Mr. Prabhu Prasad, AC Technician from the Electrical Department**, where he showed the step-by-step procedure of shutting down, locking, tagging, and safely restarting equipment.

2. **Importance of PPE (Personal Protective Equipment):**

- Use of appropriate PPE such as helmets, safety shoes, gloves, goggles, etc., was discussed.
- Types of PPE and their proper usage were explained to all participants.

3. **Use of Gas Detectors, Barricade Tapes, and Fire Blankets:**

- Demonstration of gas detectors for leak detection and alarm notification.
- Proper use of barricade tapes to isolate hazardous zones.
- Fire blanket use for extinguishing small fires was shown on-site.

4. **Types of Fire and Methods of Extinguishing:**

- Explained types of fire (Class A, B, C, D) and corresponding fire extinguishers.
- Real-life case studies and demonstrations helped explain the correct use of extinguishers based on fire type.

5. Importance of Hazard Reporting and Near-Miss Documentation:

- Reporting unsafe conditions can prevent major incidents.
- Near-miss documentation helps in learning and implementing preventive actions for the future.

6. On-Site Practical Training:

- Training was conducted at the location of a recent incident at fermentation area.
- Failure points were explained along with corrective and preventive practices to be followed in the future.

7. Implementation of Work Permit System:

The following types of work permits are being strictly implemented at the site:

- **Hot Work Permit**:
  - For welding, cutting, grinding, and similar activities.
  - Mandatory presence of gas detector, fire blanket, and fire watch personnel.
- **Cold Work Permit**:
  - For non-sparking jobs like mechanical fitting, repairs, etc.
- **Height Work Permit**:
  - Required for working at heights above 1.8 meters.
  - Full-body harness, fall arrest systems, and anchorage checks are mandatory.
- **Confined Space Work Permit**:
  - For working in tanks, vessels, or areas with limited ventilation.
  - Gas testing reports, rescue arrangements, and standby personnel are compulsory.
- **Electrical Isolation Permit**:
  - Required before working on any electrical system.
  - Full compliance with the LOTO process is mandatory.
- **Excavation Work Permit**:
  - Needed for digging activities.
  - Must be issued only after verification of underground utilities like cables and pipelines.

Participants:

- Representatives from all departments
- EHS department officials
- Mr. Prabhu Prasad (AC Technician, Electrical Dept.)
- Plant Head and other senior management officials

Conclusion:

The session provided in-depth understanding of safety practices and gave hands-on exposure to using safety equipment in real scenarios. Such training sessions will continue to be held regularly to ensure consistent safety culture across the plant.













सामान्य सुरक्षा SOP – एथेनॉल प्रोसेसिंग प्लांट

उद्देश्य: सभी की सुरक्षा सुनिश्चित करना एवं दुर्घटनाओं की रोकथाम करना।

1 कार्यस्थल का निरीक्षण करें और किसी भी असुरक्षित स्थिति की सूचना तुरंत अपने सुपरवाइजर को दें।

2 कार्य हेतु आवश्यक व्यक्तिगत सुरक्षा उपकरण (जो भी आपको कंपनी से प्राप्त है) जैसे हेलमेट, सेफ्टी शूज, सेफ्टी गॉगल्स, मास्क आदि पहनें।

3 **किसी भी मरम्मत/रखरखाव कार्य के लिए वर्क परमिट प्राप्त करना अनिवार्य है।**

4 मशीनरी या उपकरण पर कार्य केवल प्रशिक्षित व्यक्ति, सुपरवाइजर की उपस्थिति और विभागाध्यक्ष के निर्देशानुसार ही करें।

5 चलते उपकरण या कन्वेयर बेल्ट में हाथ, पैर या कोई वस्तु न डालें।

6 किसी भी प्रकार के लीकेज, स्पिल या गैस रिसाव की तुरंत सूचना दें।

7 खुली आग, धूमपान या चिंगारी पैदा करने वाले उपकरण का उपयोग प्रोसेस/स्टोरेज एरिया में सख्त वर्जित है।

8 लिफ्टिंग वर्क या ऊँचाई पर कार्य करते समय सेफ्टी हार्नेस का उपयोग करें।

9 कार्य करने के दौरान कार्यस्थल पर मोबाइल फ़ोन का उपयोग न करें।

10 कार्य करने के पहले पम्पस, मोटर्स, पैनल को बंद करना न भूलें।

11 आग लगने की स्थिति में नजदीकी फायर एक्सटिंग्विशर का प्रयोग करें, या सेफ्टी विभाग को सूचित करें

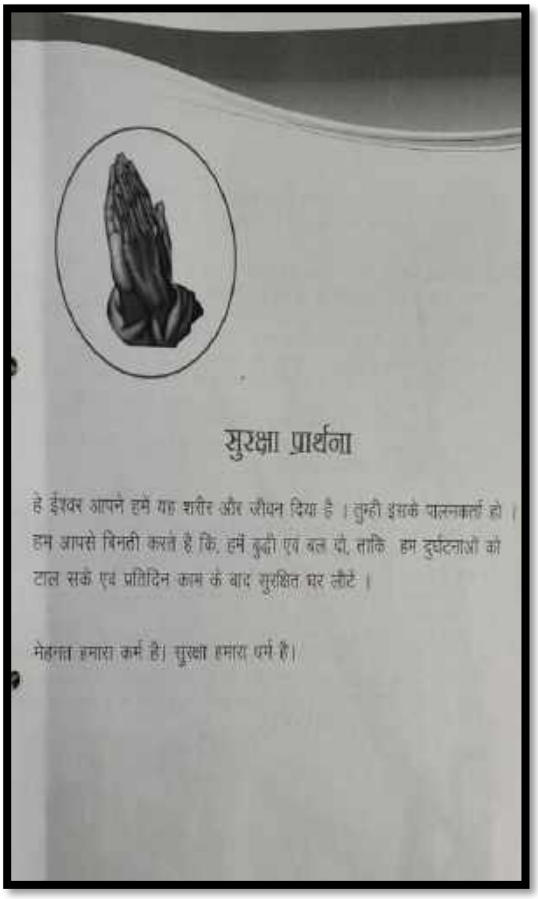
12 रासायनिक रिसाव या चोट लगने पर तुरंत सेफ्टी विभाग के प्रतिनिधि/अधिकारी को सूचित करें

13 शराब, नशीले पदार्थ का सेवन करके कार्य पर आना वर्जित है।

14 मज़ाक, दौड़ना या असुरक्षित गतिविधियों से बचें।

15 कार्यस्थल की साफ़ सफाई का विशेष ध्यान रखें।

आदेशानुसार



सुरक्षा प्रार्थना

हे ईश्वर आपने हमें यह शरीर और जीवन दिया है। तुम्ही इसके पालनकर्ता हो। हम आपसे विनती करते है कि, हमें बुद्धी एवं बल दो, ताकि हम दुर्घटनाओं को टाल सके एवं प्रतिदिन काम के बाद सुरक्षित घर लौटें।

मेहनत हमारा कर्म है। सुरक्षा हमारा धर्म है।

Manual Handling and Safety Measures Training

TRAINING REPORT:-
Company Name: - Sufalam Industries Ltd.
Location: DDGS loading area
Date: 13/08/2025
Time: 03:00 pm- 04:00 pm
Organized by: EHS Department
Participants: **A total of** 10 **labours involved in DDGS loading participated in this training session.**
Trainer Name: Anupam Kashyap

Objective of the Training:

The objective of this training was to educate the labours involved in DDGS (Distillers Dried Grains with Solubles) loading about proper manual handling techniques, body posture, use of safety equipment, and preventive safety measures to minimize the risk of injuries and ensure a safe working environment.

Key Points Covered in the Training:

1. **Principles of Manual Handling:**

- Meaning and hazards of manual handling
- Risks associated with improper lifting techniques, especially back injuries

2. **Correct Lifting Techniques:**

- Assess the weight of the load before lifting
- Keep your feet shoulder-width apart
- Bend your knees, not your back
- Keep the load close to your body
- Lift smoothly using your leg muscles, avoid sudden jerks
- Turn with your feet, not your waist

3. **Precautions During DDGS Loading:**

- Be cautious on slippery or uneven surfaces
- Avoid overloading or lifting heavy items alone
- Use teamwork for lifting heavy or awkward loads
- Wear dust masks and gloves to protect from heat and fine particles
- Maintain cleanliness in the loading area

4. **Use of Personal Protective Equipment (PPE):**

- Safety shoes
- Gloves

- Dust mask
- Helmet (if required)
- Reflective jackets (for visibility in loading zones)

5. **General Safety Instructions:**

- Do not attempt to lift heavy loads when tired or injured.
- Always prefer team lifting when required.
- Inform the supervisor in case of any unsafe condition or emergency.
- Avoid running or rushing in the work area.

Outcome of the Training:

After the session, participants gained a clear understanding of proper manual handling methods. Practical demonstrations were conducted, and workers practiced the lifting techniques. They committed to following safety protocols during their daily operations.

Pictures Gallery:-






Workplace safety & Behaviour based safety Awareness

Company Name: - Sufalam Industries Ltd. Location: Near Grain Silo (Mill area)
Date: 15/07/2025
Time: 04:00 pm- 05:00 pm
Participants: Employees & helpers of Different Department of SIL Trainer Name: Anupam Kashyap

Training Objective:

The training was organized to promote a culture of **safety and health** at the workplace. The primary goals included:

- Increase awareness of occupational safety and health among employees.
- Emphasize the importance of proper PPE use.
- Educate about occupational hazards and risk identification.
- Promote Behaviour-based safety (BBS) practices.
- Encourage reporting and discussion of near-misses and minor incidents.
- Motivate team members to act as safety ambassadors.

Training Highlights (Point-wise):

- Prior intimation about the training was shared with the all Department Heads for co - ordination and participation.

1. Participating Departments:
   - Electrical Department
   - Mechanical Department
   - Process Department
   - Contract Support Staff

2. Topics Covered During Training:

1. A. Workplace Safety Awareness

- Employees were made aware of types of workplace hazards (physical, chemical, mechanical, ergonomic).
- Real-life examples of unsafe conditions and behaviors were also given.
- Accident prevention techniques provided.

2. B. Proper use of PPE (Personal Protective Equipment)

- Emphasis on selection of appropriate PPE based on workplace hazards and their use.
- Maintenance and inspection of PPE explained.
- Penalties and risks for not using PPE explained.

3. C. Occupational Hazard and Risk Identification

- Training provided on ways to identify workplace hazards and report them to the concerned department.
- Workplace Safety Analysis (JSA) and hazard spotting.
- Use of safety observation checklists.

4. D. Behavior-Based Safety (BBS)

- Definition and importance of BBS emphasized.
- How to determine safe versus unsafe behavior at the workplace.
- Techniques to develop safe behavior habits discussed.
- Peer observation and feedback method.

5. E. Near Misses and Incident Sharing

- Definition and importance of near miss reporting.
- Difference between near miss, minor injury and major accident.
- How to correctly report and document a near miss.
- Role of near miss sharing in accident prevention.
- Examples of past near miss incidents from plant experience.

6. F. Emergency Preparedness

- Location of aggregation points.
- Use of fire extinguishers (briefly demonstrated).
- Steps to be taken in case of fire, chemical leak or injury.

4. Visual aids used:

- Correct use of PPE.
- Unsafe vs. safe work practices.
- BBS case studies and examples.
- Fire extinguisher operation video.
- Near miss reporting poster and safety observation cards.

5. Participation and Engagement:

- Previous near miss incidents were discussed.

- Individual queries related to PPE, safety hazards and reporting systems were addressed.

6. Conclusion:

- All recited the safety prayer.
- Employees took a safety pledge to:
  - - Follow all safety rules and procedures.
  - - Use PPE regularly and correctly.
  - - Report unsafe conditions and near misses immediately.
  - - Encourage colleagues to adopt safe behaviors.

Photographs from the Training Session:

1



2



SUFALAM
Industries Ltd.





SUFALAM

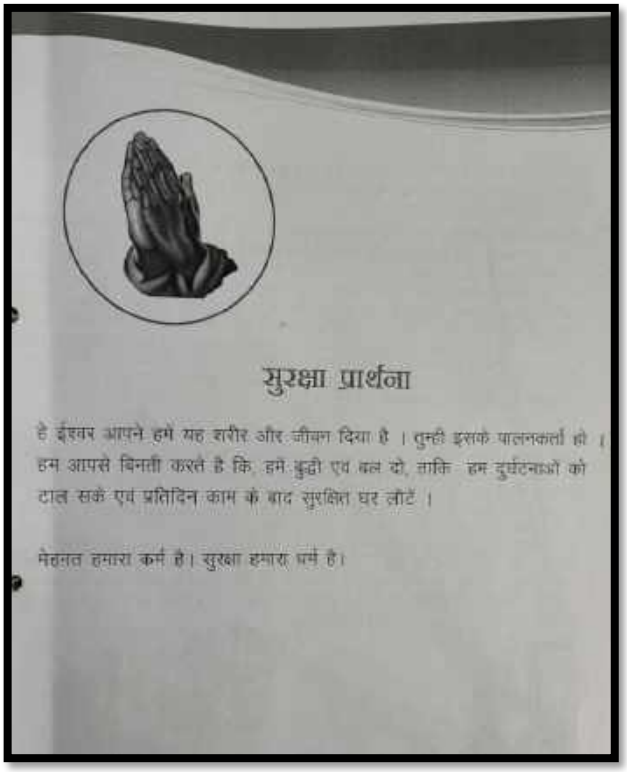
TRAINING ATTENDENCE SHEET

Date	15-07-2025		Document No. SIL/HR/TR/...
Subject/Title of Training:-	Workplace Safety Safety Pledge & 5-S.		Time 04:00PM-05:00PM

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Devendra Tiwari	Fabrication		
2	Dharmendra	"	"	
3	Tapju Singh	Tapes Rounds		
4	Sanjay Roy	Mechanical		
5	Prabhu Prasad	Electrical		
6	Rehan Khan			
7	Ratnesh Kr.	Electrical		
8	Pavan Gupta	Fabrication		
9	Akash Shukla	Inspection		
10	Raju Pal	HR/Admin		
11	Vikas Tiwari	Production		
12	Rakesh Mishra	Production		
13	Pritam Sabare	STP Assistant		
14	Majhi Rout	Housekeeper		
15				

Trainer Name: ANUPAM KASHYAP — HR Name: Raju Pal

Signature — Signature



सुरक्षा प्रार्थना

हे ईश्वर आपने हमें यह शरीर और जीवन दिया है । तुम्ही इसके पालनकर्ता हो । हम आपसे बिनती करते है कि, हमें बुद्धी एवं बल दो, ताकि हम दुर्घटनाओं को टाल सकें एवं प्रतिदिन काम के बाद सुरक्षित घर लौटें ।

मेहनत हमारा कर्म है। सुरक्षा हमारा धर्म है।

Safety Training Program – Detailed Report

Company Name:- Sufalam Industries Ltd.
Location: Boiler Area, Power Plant
Date: 17/06/2025
Time: 12:00 PM to 12:45 PM
Participants: Helpers, Factory Operators & Electricians
Trainer Name: Anupam Kashyap

Objective of the Training:

The main objective of this safety training was to make employees aware of the potential hazards, risks, and emergency response procedures while working in the Boiler area of Distillery plant.

Key Topics Covered in the Training:

1. Potential Hazards and Risks in the Distillery Plant

- Chemical leaks
- High-temperature equipment
- Electrical hazards
- Slipping and falling hazards

2. Fire Safety Awareness

- What is fire and its types
- Appropriate fire extinguisher selection for each type
- Operation of Fire Extinguisher (Dry Powder Type):-
- Pull the pin
- Hold the pipe and aim the nozzle
- Press the handle to extinguish fire

3. Precautions While Working in Boiler Area:

- Use of Personal Protective Equipment (PPE)
- Avoiding slips near water or oil
- Maintaining distance from gas/steam lines
- Awareness of emergency exits

Employee Participation:

Attendance in the training was mandatory for all employees. Everyone participated actively and showed enthusiasm during the session. A live demonstration of fire extinguisher use was conducted to provide hands-on experience.

Photographic Evidence:

1. Employees gathering for the training session

2. Demonstration of fire extinguisher operation

3. Live demo of using the fire extinguisher

4. Instructions on personal safety to employees

Conclusion:

Through this training, employees received detailed information on workplace safety in their operational area. Such regular sessions will further enhance safety and awareness at the workplace in the future.

Attachments:

- Training photographs (4 nos.)









SUFALAM Industries Ltd.

SUFALAM Industries Ltd.

SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901

TRAINING ATTENDENCE SHEET

			Document No. SIL/EHS/09
Date	17/06/2025		Time ; 12:00PM To 12:45PM
Subject/Title of Training:- Potential Hazard in Distillery Plant, Boiler Area & Fire safety Awareness			

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Parbhu prashad	Electrical	7895548527	
2	Basant kumar	Electrical	8362007745	
3	Dhanraj Madavi	Helper	8605565613	
4	Uttam kawasange	Helper	9545452165	
5	Sandip wakpanjar.	Helper	8788360107	
6	Jitendra usendi	Helper	8888548334	
7	Purshottam madavi	Helper	8640007688	
8	Radhunath. Yerne.	Helper	8007899155	
9	Muneshwa. Kukesunde.	Helper	9921607110	
10	Sanjay Kumar	Instrumentation	9931157108	
11	Dinesh Ilpate	Mech. Helper	—	
12				
13				
14				
15				

Trainer Name: Anupam Kashyap	HR Name: CHANDAN KUMAR
Signature	Signature 17/06/2025

PREPARED BY VERIFIED BY APPROVED BY

Safety Training Program – Detailed Report

Date: 24/06/2025
Time: 2:30 PM
Location: Near Dryer PLC Room
Organized by: EHS Department
Report Prepared By:-Anupam Kashyap

Advance Notification:

The training session was conducted at 2:30 PM on 24/06/2025 near the Dryer PLC Room. Prior information was shared with all concerned department heads and the Human Resources department.

Purpose of the Training:

The main objective of this safety training program was to raise awareness among employees regarding critical aspects of Environment, Health & Safety (EHS) practices. The training aimed to ensure safe behaviour at the workplace and reduce the possibility of accidents and environmental harm.

Topics Covered in the Training Program:

1. Safe Working Practices (Do's and Don'ts)

Employees were educated on the importance of following safe working procedures. Emphasis was given on:
- Always wearing appropriate PPE while on the shop floor.
- Following standard operating procedures (SOPs).
- Not engaging in horseplay or careless behaviour near machines.
- Reporting unsafe conditions immediately to the concerned authority.
- Avoiding shortcuts that compromise safety.

2. Importance of Personal Protective Equipment (PPE)

The session highlighted why PPE is critical to safety. The importance of selecting the right PPE for the job and wearing it properly was stressed through demonstrations.

3. Fire Safety Awareness

Employees were trained on basic fire safety concepts including:
- Smothering: Cutting off oxygen supply to extinguish the fire.
- Starvation: Removing the fuel source.
- Cooling: Using water or other agents to reduce temperature.

Practical guidance on the use of fire extinguishers and the types of extinguishing agents for different classes of fire was also provided.

4. Environmental Protection (Water and Air)

The training covered employees' role in preserving natural resources:-
- Preventing leaks and spills that could contaminate water bodies.
- Avoiding open burning or unnecessary emissions.
- Promoting energy and water conservation.
- Proper disposal of hazardous waste and use of spill kits when needed.

5. Health and Cleanliness

Maintaining personal hygiene and keeping the workplace clean were key topics discussed. Tips were shared for preventing common illnesses, keeping workstations organized, and ensuring food safety in lunch areas.

6. Housekeeping

Good housekeeping practices are essential for preventing workplace accidents. The following points were covered:
- Keeping walkways and emergency exits clear.
- Regular cleaning schedules and assigning responsibilities.
- Storing materials properly to avoid trip hazards or falls.
- Waste segregation and immediate removal of scrap.

It was emphasized that strong housekeeping culture helps in preventing accidents before they occur.

Employee Participation and Feedback:

The training session was met with great enthusiasm from the employees. Active participation, keen listening, and thoughtful questions demonstrated their eagerness to learn and apply these practices in their daily work.

Attached Photos:-











SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901
TRAINING ATTENDENCE SHEET

			Document No. SIL/EHS/ID
Date	24/06/2025		Time: 02:30PM to 03:30PM
Subject/Title of Training:- WorkPlaceSafety/HouseKeeping/PPEs.			

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Manoj R. Gupta	Instrument	8484936423	
2	ROHIT KUMAR	DRYER	7836007484	
3	ANKIT JAISWAL	OPERATOR	9335240883	
4	Niraj Sharma	Operator	9336308383	
5	Atul Kumar Patel	Dryer	7458072692	
6	Atul Bagare	HELPER	9657884782	
7	Bharat Yadav	Helper	9877719012	
8	Lokesh Shahu	Helper	9158482360	
9				
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14				
15				

Trainer Name: AnupamKashyap	HR Name: CHANDAN KUMAR
Signature	Signature

Industrial Security/Safety Training – Detailed Report

Company Name:- Sufalam Industries Ltd.
Location: Parking Area
Date: 26/06/2025
Time: 05:00 pm- 06:00 pm
Participants: BIS Security Personnel
Trainer Name: Anupam Kashyap & Bimlesh Singh

Training Objective:

To enhance the awareness and preparedness of BIS security personnel regarding industrial safety protocols, fire prevention methods, proper SOP compliance, and emergency response during fire and hazardous situations in the ethanol plant.

Training Highlights (Point-wise):

- Prior intimation about the training was shared with the HR Department for coordination and participation.
- Emphasis on adhering strictly to previously instructed SOPs while performing duties within the plant premises.
- Practical training on when, how, and where to use the various safety devices installed inside the plant.
- Importance of keeping fire safety equipment like fire extinguishers and hose reels free from any obstruction.
- Clear communication without delay during emergency situations.
- Reinforcement of discipline and strict adherence to all industrial safety norms.
- Ensuring visitors, drivers, and outsiders are also informed and guided about basic safety measures.
- Detailed briefing on the potential risks and hazards associated with ethanol production and handling.
- Practical session by Fireman Bimlesh, explaining the correct way to use hose pipes during emergency situations.
- Training on types of fire extinguishers and which type to use for different classes of fire (Class A, B, C, etc.).
- Explanation of what a mock drill is, its importance, and how it helps in evaluating preparedness.

- Information was provided on how mock drills improve coordination, response time, and real-time decision-making.
- Security staff were trained to remain alert, report suspicious activity, and monitor sensitive areas during and outside duty hours.
- Security personnel were reminded of their role as first responders during any emergency inside the premises.
- Security personnel showed great enthusiasm and interest during the training session.

Photographs from the Training Session:













SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901
TRAINING ATTENDENCE SHEET

			Document No. SIL/EMS/11
Date	26/06/2025		Time : 05:00PM - 06:00PM
Subject/Title of Training:- Industrial Security/safety & SOPs.			

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Vishal Walai	Slshp	9284043560	
2	Shailesh Hasami	Security.		
3	Dipesh Netam	— " —	8262370135	
4	Hemant Janbandhu	— " —	9823094772	
5	Omkar Kiswal	— " —	9623084635	
6	Vivek Gawane	— " —	9309528816	
7	Dayanand Khotele	— " —	9168587454	
8	pradeep Sontakke	— " —	—	
9				
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Trainer Name:	Anupam Kashyap	HR Name:	CHANDAN KUMAR
Signature		Signature	26/06/2025

WORLD ENVIRONMENT DAY 2025



WORLD ENVIRONMENT DAY 2025









WORLD ENVIRONMENT DAY 2025







WORLD ENVIRONMENT DAY 2025







Annexure 8 FORM V

Maharashtra Pollution Control Board
महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V
(See Rule 14)
Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000078519	27-05-2025

PART A

Company Information

Company Name	***Application UAN number***
Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit By M/S. Sufalam Industries Limited	RED/L.S.I (R60) No:- Format1.0/CC/UAN No. MPCB CONSENT- 0000211870/CO/2407002382

Address
Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Plot no	***Taluka***	***Village***
D 3	Deori	Village D 3, MIDC
Capital Investment (In lakhs)	***Scale***	***City***
145.03 Crores	L.S.I	Deori
Pincode	***Person Name***	***Designation***
441901	Mr. Hardik Agrawal	Director
Telephone Number	***Fax Number***	***Email***
8600023787	0	hardik@sufalamindustries.com
Region	***Industry Category***	***Industry Type***
SRO-Bhandara	Red	R60 Distillery (molasses / grain /yeast based)
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
no	RED/L.S.I (R60) No:- Format1.0/CC/UAN No. MPCB CONSENT- 0000211870/CO/2407002382	2024-07-25
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-06-30	2023	Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Distillery including Fermentation Industry - Ethanol	12390	9443.579	KL/A
Power Generation (TG set)	5	2.28	Mwh

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Distillers' Dry Grain with Soluble (DDGS)	8024	5900	MT/A

CO2	9263	122	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	957.00	940.00
Cooling	1063.00	1058.00
Domestic	18.00	18.00
All others	0.00	0.00
Total	2038.00	2016.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	861	815	CMD
Domestic effluent	16	14.7	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Ethanol	0	3.5	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Liquefying Enzyme (240 KNU)	0	0.00018	Ton/Ton
Saccharifying Enzyme (750 AGU)	0	0.00061	Ton/Ton
Active Dry Yeast	0	0.00027	Ton/Ton
Urea (46% w/w N2)	0	0.00004	Ton/Ton
Caustic (Lye 40% w/w)	0	0.0053	Ton/Ton
Maize (Corn) – 60% Convertible Starch	0	1.92	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	12744	12154	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
PH- Inlet	0	3.8	NA	NA	NA
TDS- Inlet	192.34	236.0	NA	NA	NA

TSS- Inlet	0.326	0.4	NA	NA	NA
BOD- Inlet	660.15	810.0	NA	NA	NA
COD- Inlet	1426.25	1750.0	NA	NA	NA
PH- Outlet	0	6.78	NA	6.5-8.5	Within standard limit
TDS- Outlet	14.67	18	99.1428	<2100	Within standard limit
TSS- Outlet	0.32	0.4	99.6	<100	Within standard limit
BOD-Outlet	1.63	2.0	98	<100	Within standard limit
COD-Outlet	6.683	8.20	96.72	<250	Within standard limit

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
TPM-630 KVA DG set	1.15	62.1	58.6	150	Within standard limit
SO2 -630 KVA DG set	1.32	71.4	10.75	80	Within standard limit
PM- 45 TPH boiler	224.6	112.6	24.93	150	Within standard limit
SO2- 45 TPH boiler	76.62	38.4	52	80	Within standard limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
5.1 Used or spent oil	0	0.05	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
Boiler ash	0	3646.2	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
CPU sludge	0	11.5	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.05	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.05	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
CPU sludge	11.5	MT/A	NA
Bolier Ash	3646.2	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Recycling of condensate recycle after CPU treatment	600	0	0	0	150	15

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Operation and Maintenance of STP and CPU	Reduction of water pollution	25.00
Maintenance of Green belt	Reduce of air , noise and soil pollution	5.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Additional green belt	Reduce of air , noise and soil pollution	5.00

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Mr. Hardik Agrawal, Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000078519

Submitted On:

27-05-2025

Annexure 9 - Photographs of CO2 Plant

Annexure 8- Photographs of CO_2 Plant









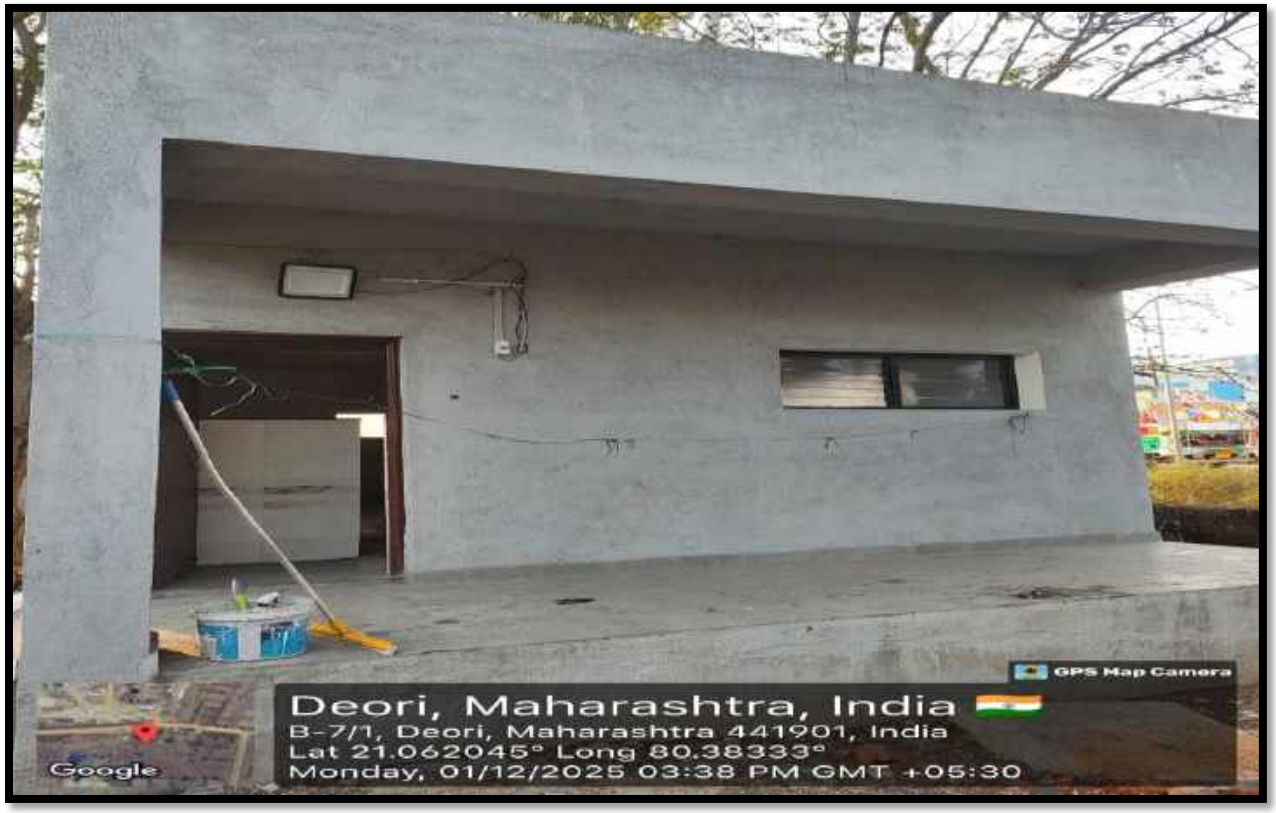
Annexure 10 - CER funding details with photographs

CSR/CER implementation details

Cost Of Project	CER Activity Budget	Target Year Of Completion	Distance From The Project Site(km)	Activity	Cost Estimate (in rs.)	Remark
146.50 crores	250 Lakhs	2025-2026	In village ParasTola (0.3 km)	School Toilet	29,65,788	Completed
		2025-2026	In village ParasTola (0.3 km)	Rest Room	5,00,000	Completed
		2026-2028	In village Bharegaon (1.5 km approx.)	Old Temple Renovation work	96,00,000	
		2026-2028	In village Bharegaon (1.5 km approx.)	Temple Preist Residence + Kitchen+ washroom	500000.00	
		2026-2028	In village Bharegaon (1.5 km approx.)	Goshala	1050000.00	
		2026-2028	In village Bharegaon (1.5 km approx.)	Landscapping + Fencing + Hardscapping	6000000.00	
		2026-2028	In village Bharegaon (1.5 km approx.)	Solar Panel (20 kw)	1100000.00	
		2026-2028	In village Bharegaon (1.5 km approx.)	Borewell + Water cooler	500000.00	

Photographers of CER activity

School Toilet provided in village ParasTola






GPS Map Camera
Deori, Maharashtra, India
B-7/1, Deori, Maharashtra 441901, India
Lat 21.062066° Long 80.383289°
Monday, 01/12/2025 03:40 PM GMT +05:30
Google

Rest Room provided in village ParasTola





SUFALAM
Infra Projects Ltd.

To

Date : 19/08/2025

Sufalam Industries Ltd.

Plot No. D/3

MIDC Deori,

Maharashtra

Ref.No. SIPL/25-26/056

Sub: Quotation for Borewell Drilling & Water Cooler Supply & Installation in Bharegaon Village.

Scope of work

A) Borewell Drilling & Installation

1. Drilling of borewell
2. Casing pipe installation
3. Installation of submersible pump
4. Electrical wiring & panel board setup
5. Borewell flushing & testing
6. Labour charges and transportation

B) Water Cooler Supply & Installation

1. Supply of water cooler
2. Fitting & connection to borewell/pipeline
3. Electrical setup for water cooler
4. Testing & commissioning

Location :- Bharegaon, (Distance between Project Site – 1.5 km approx..)

Price Estimate: 5,00,000/- (Five Lacs Rupees Only)

Target Completion Date – 31/12/2028

SUFALAM INFRA PROJECTS LTD

125, Abhyankar Road, Sitabuldi, Nagpur - 440012 | Tel.: +91 86055 55511/22/33, 0712-2533321 | info@sufalaminfra.com

SUFALAM
Infra Projects Ltd.

Terms & Conditions

1. Price valid for 30 days from the date of quotation
2. 50% advance payment, balance after completion
3. Warranty as per manufacturer for equipment supplied
4. GST 18% will be extra



Authorised Signature

Sufalam Infra Projects Ltd.

125, Abhyankar Road, Sitabuldi, Nagpur - 440012 | Tel.: +91 86055 55511/22/33, 0712-2533321 | info@sufalaminfra.com

SUFALAM
Infra Projects Ltd.

To

Date : 11/08/2025

Sufalam Industries Ltd.

Plot no. D/3,

MIDC Deori,

Maharashtra

Ref.No. SIPL/25-26/057

Sub: Quotation for Solar Panel 20kW Installation in Bharegaon Village.

Scope of work

Installation of Solar Panel system 20kW including Cable & Wiring , Meter, Solar Inverter , Module Mounting Structure , Electrical protection, Earthing & Lighting , Installation & Testing.

Location :- Bharegaon , (Distance between Project Site:- 1.5 km approx..)

Price Estimate: 11,00,000/- (Eleven Lacs Rupees Only)

Target Completion Date – 31/12/2028

Terms & Conditions

1. Price valid for 30 days from the date of quotation
2. 50% advance payment, balance after completion
3. Warranty as per manufacturer for equipment supplied
4. GST 18% will be extra

SUFALAM INFRA PROJECTS LTD

Authorised Signature

Sufalam Infra Projects Ltd.

K. R. CONSTRUCTIONS

Mob.: 8888958603

ENGINEERS, CONTRACTORS & BUILDING MATERIAL SUPPLIERS

First Floor, 101 & 104, Canada Complex, College Road, Nashik - 422 005. E-mail : kaustubh.rathi07@gmail.com

QUOTATION

Quotation No: DEC 01/25-26

DATE - 25/10/2025

TO,
SUFALAM INDUSTRIES LTD
MIDC , DEORI
GONDIA
GSIN NO: 27ABDCS8210R1ZS

Dear Sir,

QUOTATION FOR CER WORK

Sr NO	PARTICULERS	UNIT	QUANTITY	RATE	Total
1	PROPOSED (ADDITIONAL) WORSHIP PLACE AT VILLAGE BHAREGAON	SQFT	3000	3500	1,05,00,000
2	PRIEST- (RESIDENCE+KITECEN+WASHROOM)	SQFT	2000	2700	54,00,000
3	GOWSHALA	SQFT	1500	750	11,25,000
				TOTAL	**1,70,25,000**

(Rupees One Crore Seventy Lac Twenty Five Thousand only)

TERMS: -

Terms and conditions are as follows,

1 GST NO 27DBQPR3233C2ZJ.

2 Billing Address: -K R CONSTRCUTION, 101-104, Canada Complex, College Road, Above Sagar Sweets, Canada Corner, Nashik, Maharashtra, 422005

3 Contact Person: - Mr KAUSTUBH RATHI MOB NO: 8888958603



For K R CONSTRCUTION

Kaustubh Construction
CIVIL ENGINEERS & CONTRACTORS

101 & 104, Canada Complex, Canada Corner, College Road, Nashik - 422 005. 7722049721 / 9422249721
kaustubhconstruction@gmail.com

QUOTATION

Ref No : QUOTE- 01/25-26DEC

DATE - 15/10/2025

TO,
SUFALAM INDUSTRIES LTD
MIDC , DEORI
GONDIA
GSIN NO: 27ABDCS8210R1ZS

Dear Sir,

QUOTATION FOR CER WORK

Sr NO	PARTICULERS	UNIT	QUANTITY	RATE	Total
1	PROPOSED (ADDITIONAL) WORSHIP PLACE AT VILLAGE BHAREGAON	SQFT	3000	3400	1,02,00,000
2	PRIEST- (RESIDENCE+KITECEN+WASHROOM)	SQFT	2000	2650	53,00,000
3	GOWSHALA	SQFT	1500	800	12,00,000
	TOTAL				**1,67,00,000**

(Rupees One Crore Sixty Seven Lac only)

TERMS: -

Terms and conditions are as follows,

1. GST NO 27AAJFK1641C1ZO
2. Billing Address: - -Kaustubh Construction, 101-104, Canada Complex, College Road, Above Sagar Sweets, Canada Corner, Nashik, Maharashtra, 422005
3. Contact Person: - Mr ASHISH RATHI MOB NO: 9422249721



For Kaustubh Construction

Prop . Shival Mehre
7249223673 , 9822461870

SHIVAL MEHRE

Garden Service's

23-28/E , Vyankatesh City , Shirul , Buti-Bori
Nagpur- 441108

" Quotation for Graden Work"

TO, SUFALAM INDUSTRIES LTD.

Date :- 30/09/2025

Sr.NO	STRCUTURE NAME	UNIT	QUANTITY	RATE	AMOUNT
1.	LANDSCAPE FENCING & HARDSCAPPING	SQFT	20000	300	60,00,000/-
				TOTAL	60,00,000/-

SHIVAL MEHRE
Garden Sarvises

Annexure 11 Photographs of health camp and report

SUFALAM INDUSTRIES LIMITED

PLOT NO. D/3,MIDC DEOTI,TAL-DEORI,DIST.-GONDIA,MH-441901

WORKERS & IT'SWARD HEALTH CAMP










TRISHA MULTISPECIALITY HOSPITAL

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. **ANUP YADAV** aged **20 YR MALE** certify that, he / she is **free from deafness, defective vision (including colour vision) or any other infirmity, mental or physical**, likely to interfere with the efficiency of his / her work and found him / her possessing good health.

Blood group: **O RH POSITIVE**

Height:**175CM** Weight: **62KG**

This certificate is being given to him /her for the purpose of **WORKING IN SUFALAM INDUSTRIES LTD.**

Signature of Medical Officer:

Name of Medical Officer: **Dr. RAJESH KATRE**

Registration No. **MCI-13/48102**

Dated: **17/07/2025**

Seal

Trisha Multispeciality Hospital
TMH
Reg. No.
NRH-71/2024
GONDIA

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

निर्मल टॉकीज के पिछे, यशोदा सभागृह रोड,
शास्त्री वार्ड, गोंदिया – 441601 (महा.)
मो. 9823990788, 9823990790

TRISHA MULTISPECIALITY HOSPITAL

MEDICAL CERTIFICATE OF FITNESS

I have examined Shri / Kumari / Smt. **ANUPAM KASHYAP** aged **39 YR MALE** certify that, he / she is **free from deafness, defective vision (including colour vision) or any other infirmity, mental or physical**, likely to interfere with the efficiency of his / her work and found him / her possessing good health.

Blood group: **A RH POSITIVE**

Height:**176CM** Weight: **68KG**

This certificate is being given to him /her for the purpose of **WORKING IN SUFALAM INDUSTRIES LTD.**

Signature of Medical Officer:

Name of Medical Officer: **Dr. RAJESH KATRE**

Registration No. **MCI-13/48102**

Trisha Multispeciality Hospital TMH Reg. No. NRH-71/2024 GONDIA

Dated: **17/07/2025** Seal

Note: Medical certificate granted by a qualified medical practitioner holding at least M.B.B.S. Degree and registered with Medical Council of India, shall only be valid. The date of issue of the medical certificate should be within **one year** from the date of application.

निर्मल टॉकीज के पिछे, यशोदा सभागृह रोड,
शास्त्री वार्ड, गोंदिया – 441601 (महा.)
मो. 9823990788, 9823990790

Annexure 12 Greenbelt plantation photographs

Annexure 12 – Photographs of tree plantation

1. Admin lawn area



2. Ethanol Storage Area











3. Water tank Area + ETP







4. Warehouse Road



5. Fermentation Road



6. Parking side Road



7. Grain Silo area.



8. Labour Hut Area



9. Company Staff Quarter Surrounding





List of Existing trees planted

Sr. No.	Name of Trees	No. of Trees
1	Karanj	380
2	Bakul	380
3	Tamhan	380
4	Arjun	380
5	Alostonia	380
6	Chinch	380
7	Apta	380
8	Neem	380
9	Kadamba	380
10	Jamun	380
11	Sheesam	380
12	Bel	380
13	Mahaneem	380
14	Forest Department (mix)	1638
--	**Total**	**6578**

Annexure 13 Photographs of online monitoring system

Annexure 13 Photographs of online monitoring system







Annexure 14 MIDC Land Allotment

Maharashtra Industrial Development Corporation

(A Government Of Maharashtra Undertaking)

Tel: (0712) 525215, 521732
Fax: 521732
E-mail:
RONAGPUR@MIDCINDIA.ORG

REGIONAL OFFICE,NAGPUR
UDYOG BHAVAN 5 TH FLOOR, OPP. SALES TAX BUILDING, CIVIL LINES
NAGPUR - 440001

Letter No.: MIDC/RO(NAGPUR)/DOR/LMS-128/2350 | **Date:** 08-SEP-2021 09/09/2021

Subject :- **DEORI INDUSTRIAL AREA**
Plot No. D-3
Allotment of Land

:ORDER:

Sanction is hereby accorded to the allotment of land admeasuring **100000 Sq. Mts. at the rate of Rs. 121/- per Sq. Mts.** Comprising of Plot No. **D-3** in **DEORI INDUSTRIAL AREA** to **M/s. SUFALAM INDUSTRIES LIMITED** a Company incorporated under the Companies Act-1956 and having its registered office at **APT.NO.701/2, 7TH FLOOR, B-WING, BLOCK NO.B-3, DEVAKI, VRINDAVAN, AT MOUZA JAMTHA, NAGPUR -441122** for setting up your industrial unit for manufacturing of **FUEL ETHANOL** subject to the payment of the premium of **12100000/- (Rs.One Crore Twenty One Lakh Only)** and **Rs.10700000/-** towards power infrastructure charges, subject to the following conditions.

1. The amount of earnest money **Rs. 3025000/- (Rs. Thirty Lakh Twenty Five Thousand Only)** received on dated **09-SEP-2021** with the application will be appropriated towards the amount of premium. The allottee shall pay the sum of **Rs. 19775000/- (Rs. One Crore Ninety Seven Lakh Seventy Five Thousand Only)** balance amount of the premium within a period of 30 days from the date of receipt of this order, by online payment at https://land.midcindia.org

2. In case the allottee fails to pay the balance amount of premium within the period mentioned above, the allotment shall be liable to cancelled without further notice.

3. In the event of the allotment being cancelled as foresaid the corporation shall forfeit the whole of the earnest money received with the application.

4. The terms & conditions of allotment of land will be those contained in the standard form of Agreement to Lease and the lease annexed thereto & in substance are as follows.

a) The allottee shall enter into an Agreement to Lease in the form prescribed by Corporation & on performance of the conditions will be entitled to lease for the term of ninety five (95) years to be computed from the date of execution of the Agreement to Lease and renewable for one further term of 95 years on payment of premium and on such terms and conditions as may be determined by the Corporation at the time of renewal.

b) The annual ground rate rent of Rupee 1/- per annum is payable in respect of the plot of land allotted.

c) The allottee shall get the plan and specification of the proposed factory building duly approved from the Executive Engineer of the said Industrial area and complete the said building in accordance

Verified with Original

MIDC/RO(NAGPUR)/DOR/LMS-128/

SUFALAM INDUSTRIES LIMITED

with approved plans and shall obtain a Building Completion Certificate (B.C.C) from the Executive Engineer of the said industrial area within a prescribed period.

d) The allottee shall not directly or indirectly transfer or assign the benefits of interest in the Agree ment to Lease or part with possession of the land or any part there of without previous consent of the Corporation who may refuse or grant it subject to such condition as the Corporation may think fit including a condition for payment of additional premium.

e) The allottee shall be entitled to use land for the purpose of a factory but not for the purpose of a factory for any of the obnoxious industries specified in the annexure set out in for any other purpose and not for the purpose of any factory which may be obnoxious, offensive by reason of emission of odor, liquid effluvia, dust, smoke, gas, nuisance, vibration or fire hazards.

f) The other terms and conditions of allotment shall be those contained in the prescribed form of Agreement to Lease and the Lease.

g) The stamp duty in respect of preparation & execution of the Agreement to Lease & its duplication as also the Lease & its duplication in respect of the allotted plot of land as also the legal costs for the preparation and execution of these documents including the registration fees shall be borne and paid by the allottee alone.

h) If there any encroachment on the plot the same should be removed by you, at your own risk and cost.

i) Please note that if MSEB's line is passing through your plot, you will have to shift the line at your own cost and risk, also concern with MSEB and Telephone Department.

j) In case any changes after final measurement of plot area and if the area is found to be increased the charges towards excess area, shall be recovered as per prevailing rate at that time.

k) The infrastructure of water supply is provided by MIDC, considering the water requirement of your plot at the rate of the 25 m3 per hect. Per day. For the requirement in excess of 25 m3 per Hect. Per day of your plot, you will be required to pay the capital contribution at rate of Rs.15,000/- per m3 or the actual rate of capital contribution of water supply scheme of the industrial area whichever in more.

l) MIDC has no objection to grant power connection for 100 HP applied load as per your project report.

m) The allottee may submit his application to the concern telephone & electricity authority immediately, after taking over the possession of the plot. This will enable the concern authorities to build up a waiting list & ensure proper planning to provide timely telephone & electric connection to the industrial units in the area. Please note that, MIDC is not responsible for supplying electricity. Hence, you should ensure the availability of such infrastructure with concerned MSEDCL authorities.

n) Please also note that AtoL will be signed with you within 30 days from the date of handing over of possession of plot.

o) The allottee abide to submit C. A. certificate stating that fixed capital investment Rs.20 Crore or more made on this plot withing 2 year from the date of handing over possession or execution of A to L which is earlier.

p) In case of the above condition are not fulfilled by the allottee, he has to pay 100% of differential premium of Auction Rate and premium Rate and auction rate are not available then 25% of premium rate will be chargeable.

q) In Case, you fail to accept the final allotment after it is communicated to you or fail to pay the balance of premium amount or to execute the Agreement to Lease, the Corporation shall forfeit the entire amount of Earnest Money.

r)You will have to complete the construction within 2years from the date of handing over possession or execution of AtoL which is earlier.

s) If you failed to obtain BCC (with 40% FSI Consumption) within the stipulated period mentioned in agreement to lease you will have to apply for extension of time limit addl. premium will be recovered from you.

t) If you failed to complete the construction and obtained the BCC within extended period the plot will be surrender to MIDC & cost of the construction will not be given to you.

u) Condition laid down in Circular Dt. 31/12/2018 & Dt. 27/11/2019 will be applicable.

v) Allotment shall be governed by all rules/regulation under priority category.

w) The allottee shall Construct STP Plant on the plot and observed ZLD as per prevailing MPCB Norms.

Area Manager,
MIDC,NAGPUR.

To,
M/s. SUFALAM INDUSTRIES LIMITED
APT.NO.701/2, 7TH FLOOR,
B-WING, BLOCK NO.B-3,
DEVAKI, VRINDAVAN,
AT MOUZA JAMTHA,
NAGPUR -441122

Copy submitted to:
1. JT. CAO, MIDC, NAGPUR
2. THE EXECUTIVE ENGINEER, MIDC,DIVISION II,NAGPUR

Copy f.w.cs. to:
1. THE DEPUTY ENGINEER,MIDC,SUB-DIVISION,GONDIA
2. THE AREA MANAGER,MIDC,GONDIA.

SGS INDIA PRIVATE LIMITED SGS NAGPUR

Verified with original

SUFALAM INDUSTRIES LIMITED

Annexure 15 Site specific conservation plan

महाराष्ट्र शासन

Gondia Forest Division

Range Forest Office North Deori

Office- Chichagad road Deori

Office- Chichagad road Deori Phone No. 07199 225065 email- rfonorthdeori@gmail.com

RFO/ND/ 581 /2023-24 **Date- 04.10.2023**

To

The Director,

Sufalam Industries Limited

Subject- Regarding presence of Wildlife Schedule-I Species in the vicinity of establishment of Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit at Plot no D-3 MIDC, Deori Taluka- Deori District-Gondia Maharashtra State by M/S Sufalam Industries Limited

Respected Sir,

With reference to the above subject, Its informed that Plot No. D-3 leased to Suflam Industries Limited by Maharashtra Industrial Development Corporation was Inspected on Dated 02.10.2023. To take Records of Wild Animals in the said Plot Trap Camera were installed at two places on above date, when the Trap Camera were Checked after 24 hours, no movement of wild animals was observed. Also when the intire area of plot was inspected with two witness people, wild boar faeces and other marks were seen in one or two places and no wild animals in the list of Schedule-I of Wildlife Protection Act 1972 was seen during the inspection.

We can confirm the presence of the following Wildlife Schedule-I Species in the redius of 10 km. area of dence Forest vicinity of establishment of Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit at Plot no D-3, MIDC, Deori, Taluka-Deori District-Gondia Maharashtra State by M/S Sufalam Industries Limited.

List of Schedule- I species

Mammals

1) Tiger (*Pantheratigris*)
2) Leopard or Panther (*Pantherapardus*)
3) Wild dog or Dhole (*Cuonalpinus*)
4) Indian Wolf (*Canislupaspallipes*)
5) Jackal (*Canisaureus*)
6) Striped hyena (*Hyaenahyaena*)
7) Jungle cat (*Felischaus*)
8) Four-horned antelope (*Tetracerosquadricornis*)
9) Gaur or Indian bison (*Bosgaurus*)
10) Sambar (*Rusa unicolor*)

11) Asian elephant (*Elephasmaximus*)

12) Pangolin (*Maniscrassicaudata*)

13) Sloth Bear (*Melursusursinus*)

14) Rhesus macaque (*Macacamulatta*)

Amphibians and Reptiles

1) LargeBengal Monitor Lizard (*Varanusbengalensis)*
2) Indian soft-shelled Turtle (*Trionysgangeticus*)
3) Dhaman or rat snake (*Plyasmucosus*)
4) Indian cobras (all sub-species belonging to genus *Naja*)
5) Russel's viper (*Viperaruselli*)
6) Indian crock python (
7) Whitaker's Boa (Eryxwhitakeri)

Birds

1) Peafowl (*Pavocristatus*)
2) Bazas (*Avicedajeordon* and *Avicedaleuphotes*)
3) Hawks (*Accipitridae*)
4) Hornbills (*Ptilolaemustickelliausteni, Acerosnipalensis, Rhyticerosundulatusticehursti*)
5) Large Falcons (*Falco peregrinus, Falco biarmicus*and *Falco chicuera*)
6) Crested serpant eagle

Butterflies

1) Family Danaidae	-	Tigers
2) *Amblypodiaanita*	-	Leaf Blue
3) *Castaliusrosimomalarbus*	-	Pierrot common
4) *Chlioriaothona*	-	Tit, orchid
5) *Jamides Ferrari*	-	Ceruleans
6) *Lycaenopsispuspaprominens*	-	Common hedge Blue
7) *Viracholasmilis*	-	Guava Blues
8) *Hypolimnasmissipus*	-	Eggfly, Danaid
9) *Neptiscolumellakankena*	-	Sailer, Short-banded
10) *Chilasaclytiaclytea f. commixtus*	-	Common mime
11) *Polydorus hector*	-	Crimson rose
12) *Lethe europatamuna*	-	Bamboo tree brown

Range Forest Officer
North Deori

Copy to-

Res. Deputy Conservator of Forest Gondia, Forest Division Gondia, Submitted for information

Range Forest Officer
North Deori

Annexure 16 6 feet wall with planation towards nala

Annexure 16 - Photographs of 6-feet-high compound wall with an additional 2-feet barbed-wire fencing





10-metre-thick plantation carried out towards the nala



Annexure 17 plantation towards z.p school

Annexure 17 5-metre-thick plantation was carried out along the compound wall towards the dilapidated school building of Z.P. Gondia

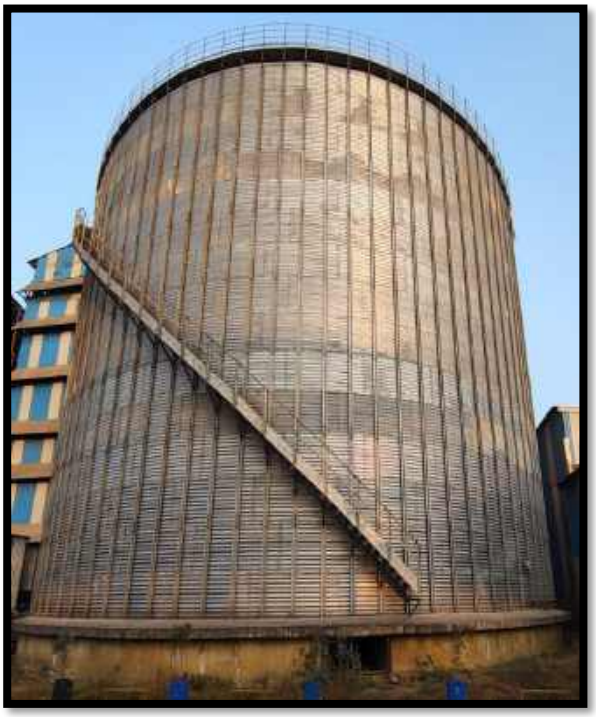


Annexure 18 photographs of Silos, Fuel Storage Shades, Catch Pit Area, Internal Paved Road

Annexure 18 photographs of

1.Silos





2.Fuel Storage Shades:



3.Catch Pit Area







4.Internal Paved Road.





Annexure 19 Plastic waste training report

SUFALAM Industries Ltd.

SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901

TRAINING ATTENDENCE SHEET

			Document No. SIL/EHS/05
Date	05/06/2025		Time : 04:00PM
Subject/Title of Training:-	How To Manage Plastic Waste		

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Neeraj Dehwal	Production	9822188896	
2	Prakash Jha	Electrical	9023116216	
3	SANAT KUMAR	Mechanical	7988249207	
4	Shubham Kumar	Production	—	Shubham
5	Karan Pandey	HR & Admin	—	
6	Ravi Shankar Rai	Sfoor	7800829723	Rai
7	Nishant Mishra	Proces	—	NKhat
8	Ashutosh Pandey	Production	—	
9	Subhash Pandey	"	—	
10	Ashok Gupta	Boiler	7009740715	AG
11	Balwant ~~Kushwaha~~ Kushwaha	PDE Lab	9780078941	
12	Manoj Kr. Mishra	HR Admin	7678137952	
13	Dishant Kumar	Electrical	—	
14	Abhinash Singh	Electrical	—	Abhinash
15	Vivek Chamate	Civil (PMC)	—	

Trainer Name: Anupam Kashyap	HR Name: Milind Manjare
Signature AK	Signature MManjare

SUFALAM Industries Ltd.

SUFALAM INDUSTRIES LIMITED
D-3 MIDC INDUSTRIAL AREA, DEORI, GONDIA - 441901

TRAINING ATTENDENCE SHEET

			Document No. SIL/EHS/06
Date	07/06/2025		Time : 11:00 AM - 12:00 PM

Subject/Title of Training:- Plastic Waste Management

Sr. No.	Name of Person	Department	Contact No.	Signature
1	Sanjay Kumar	Instrumentation	9931157089	
2	Sahil Sinha	— " —	9926712031	
3	Manoj Gupta	— " —	8484936423	
4	HEMANT Jambhulkar	Yard	9823046772	
5	Milind Manjare	HR	7414977099	
6	Mayur Raut	— " —	—	
7	Bhupendra Tandekar	— " —	—	
8	Bimlesh Kumar	E.H.S	6205169127	
9	Pradyot Dareo	HORTICULTURE	—	
10				
11				
12				
13				
14				
15				

Trainer Name: Bimlesh Singh	HR Name: Milind Manjare
Signature	Signature

Annexure 20 - Details of Environmental Management Plan

Actual expenditure incurred on the environmental management plans so far

Sr. No.	COMPONENT	PARTICULARS		Total Cost (IN LAKHS)	O &M Cost (IN LAKHS)	Year
1.	Air	Construction of new stack for boiler		72.96	5	2024
		ESP		213.22	5	
2.	Water	Construction distillery CPU/ PCTP		672.22	17	2024
		MEE & dryer		550.75	15	
		Decenter		258.00	6	
		Spray dryer for distillery spent wash treatment		9.08	0.5	
3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc.		78.47	3	
4.	Environment monitoring and Management	Quarterly Environment Monitoring (Per Year)		-----	10	2023-2025
		Ambient air monitoring	PM_{10}, $PM_{2.5}$, SO_2, NOx			
		Boiler & DG Set Monitoring	TPM, SO_2, NOx			
		Effluent (Treated &Untreated)	pH, COD, BOD, Oil, TSS, TDS, & Grease			
5.	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)		10.00	3	2024-2025
6.	Greenbelt	Green belt development activity		19.81	4	2025
		Maintenance of green belt				
7.	Biodiversity	Conservation of Schedule I species		nil	-----	---
8.	Solid Waste Management	Brick manufacturing plant		20.50	1.05	2025
9.	Rain water harvesting	Rain water harvesting		25.00	1.05	2024
10.	Energy Conservation measures	Solar PV panel, Solar Street light, High efficiency pump for CPU		63.00	2	2025
		TOTAL COST (INR, LAKHS)		**1968.01**	**72.6**	

SUFALAM
Industries Ltd.

Date:27/03/2025

To,
The Additional Director(s),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra- 440001

Subject: Submission of Environmental Clearance compliance Report **(October 2024 to March 2025)** for Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State by M/S. Sufalam Industries Limited

Reference: 1. Environment Clearance from MoEF vide F. N. IA-J-11011/528/2021-IA- II (I) dated 25th February 2022
2.Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Respected Sir,

With reference to the above subject, we are submitting the current Status of our project, monitoring reports, data sheet and point wise compliance status to various stipulation laid down by the Ministry of Environment and Forest in its clearance letter No. F. N. IA-J-11011/528/2021-IA- II (I) 25th February 2022 & Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For **M/s. Sufalam Industries Limited**

SUFALAM INDUSTRIES LIMITED

Authorized Signatory.

Encl.:
Part A: Data Sheet
Part B: Current Status of Construction Work
Part C: Point wise compliance status
Part D: Annexures

Environmental Clearance Compliance Status Report

(October 2024 to March 2025)

FOR

Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit

By

M/S. Sufalam Industries Limited.

At

Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Applicant

M/S. Sufalam Industries Limited

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Part A Data Sheet 3

Part B Construction Status of Project 7

Part C Ethanol Distillery Unit Environment Clearance Compliance Report.... 8

Part D- Annexures 14

Part A Data Sheet

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forest and Climate Change

Western Region, Regional Office, Nagpur

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	**Industry**
2.	Name of the project		:	**M/s Sufalam Industries Limited**
3.	Clearance letter (s) / OM No. and Date		:	Proposed Setup of New Grain Based 210 KLPD Ethanol Distillery Unit
4.	Location		:	
	a.	District (S)	:	Gondia
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude: 21° 3'52.58"N Longitude: 80°22'58.55"E
5.	Address for correspondence			
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
6.	Salient features			
	a.	of the project	:	It is a Grain Based 210 KLPD Ethanol Distillery Unit
	b.	of the environmental management plans	:	**1. Pollution control plan:** 1] 1 No of 40 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed. 3] 60% of the CO2 recovery unit work has been completed. **a.** Effluent stream is treated through Condensate Polishing Unit(CPU). **b. Rain water harvesting:** Rain water harvesting plan is prepared based on CPCB guidelines. **c. Green belt development:** Area under plantation is 8.38acre. (33,915 Sq.m.) i.e. 33 % of total net plot area. Precautions are being taken, and no tree cutting is in planed.
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-Forest area. (MIDC Deori)

	b.	Others	:	Area under development: 100000 Sq.m.(Total Project Area) Green Belt Area 8.38 (33,915 Sq.m) ha (~33 %)
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land &landless labourers /artisan		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out or only provisional figures, it a Survey is carried out give details and years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	**Total Project cost:** 145.03 Crores
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Costing enmarked for (Environmental Management Plan (EMP)) will be Total set up Cost: 2435 Lakh O & M cost: 166 Lakh/annum (Yet to be started)
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	145.03 Crores

<table>
<tr><td></td><td>f.</td><td>Actual expenditure incurred on the environmental management plans so far</td><td>:</td><td>Total set up Cost: 1050 Lakh/Annum
O & M cost: 70 Lakh/Annum</td></tr>
<tr><td>10.</td><td colspan="2">Forest land requirement</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>a.</td><td>The status of approval for diversion of forest land for non-forestry use</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>b.</td><td>The status of clearing felling</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>c.</td><td>The status of compensatory afforestation, it any</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>d.</td><td>Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far</td><td>:</td><td>Not Applicable</td></tr>
<tr><td>11.</td><td colspan="2">The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information</td><td>:</td><td>Not applicable</td></tr>
<tr><td>12.</td><td colspan="2">Status of construction</td><td></td><td>
<table>
<tr><th>Sr. No</th><th>Building Name & number</th><th>Status as on March 2025</th></tr>
<tr><td>1</td><td>Fermentation Section</td><td>Work completed.</td></tr>
<tr><td>2</td><td>Distillation Section</td><td>Work completed.</td></tr>
<tr><td>3</td><td>Receiver & Storage Section</td><td>Work completed.</td></tr>
<tr><td>4</td><td>Green Belt Development</td><td>33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.</td></tr>
</table>
</td></tr>
</table>

				5	Boiler, Stack with online monitoring system & ESP	1] 1 No of 40 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed 3] 60% of the CO2 recovery unit work has been completed 4] Online monitoring system will be installed.
	a.	Date of commencement (Actual and/or planned)	:	Proposed Establishment of 210 KLD: April 2022		
	b.	Date of completion (Actual and/or planned)	:	Consent to Operate received on 25th July 2024		
13.	Reasons for the delay if the Project is yet to start		:	Not applicable		
14	Dates of site visits					
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	RO site visit report letter vides no. EC-2221IRON/2023-NGP-12240 dated 27/09/2023.		
	b.	Date of site visit for this monitoring report	:	27/09/2023		
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)		:	Not Applicable		
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)		:	Agreed		

Part B Construction Status of Project

Sr. No.	Unit	Status as on March 2025	Status of the Environmental Management Facilities
1	Fermentation Section	Work completed	**a. Green Belt:** 33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years. **b. Stack with online monitoring system** 1] 1 No of 40 TPH boiler with 60 m stack height and ESP as APC Equipment is installed 2] D. G. Sets 2 Nos of 630 kVA is installed 3] 60% of the CO2 recovery unit work has been completed 4] Online monitoring system Continuous online (24x7) monitoring system for stack emissions installation is in installed on site.
2	Distillation Section	Work completed	
3	Receiver & Storage Section	Work completed	

Part C Environment Clearance Compliance Report

Project Name: Proposed Establishment of new grain based 210 KLPD Ethanol Distillery at Village D 3, MIDC, Deori, Taluka - Deori, District -Gondia, State -Maharashtra

Period of Compliance: October 2024 to March 2025.

Ref: EC vide letter No.:

1] Ethanol Distillery unit F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022

2] Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Point wise compliance of conditions stipulated in Ethanol distillery EC vide letter no. F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022 are given as under: -

Sr. No	EC Conditions	Compliance
A. Specific conditions		
i.	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Agreed & we herewith assure that 210 KLPD shall be only be used for fuel ethanol manufacturing.
ii.	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.	Agreed.
iii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a	Noted. We have complied with all the environmental protection measures and safeguards proposed as per documents submitted to the Ministry. Industry already installed 500 KW capacity solar power panel.

	part of EMP.	We have provided 12.5% solar power.
iv.	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	• The spent wash slop will be generated subjected to decantation & thin slop followed by (MEE) to DDGS CPU of capacity 1300 m3/day to treat process condensate • There will be no disposal of waste water on land.
v.	Total fresh water requirement shall not exceed 3.5 KL fresh water consumed/KL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption	CGWA NOC permission vide no. CGWA/NOC/IND/ORIG/2023/18452 dated 08/05/2023 is obtained for water requirement 477 CMD attached as **Annexure 2**
vi.	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.	As per MoEF&CC guidelines, "Zero Discharge" is mandatory for distillery project. The strong stream i.e. raw spentwash slop is primarly treated in decanters and it separate the thick slop and thin slop then thin slop are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated slop is sent to the DWGS drier along with thick slop generated from decanters and the output is a dry up to 90 % solids (w/w) and is known as DDGS which will be sold as cattle feed. The MEE condensate is treated in existing CPU along with other diluted effluent and recycled back as process water / make up water for boiler and cooling tower. The brick manufacturing unit has been installed on site The coal of Sulphur content is less than 0.5 %.is used as fuel for boiler.
vii.	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Noted. Sixty percent(60%) of the CO2 recovery unit work has been completed
viii.	PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational	We have allocated Rs. 50 Lakhs/annum for occupational health safety. Occupational

	Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Health Centre for surveillance of the worker's health
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Proper training has been imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training. Photographs of the same is attached as **Annexure 7**
x.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained	Noted. PESO certificate is attached as **Annexure 4**
xi.	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Noted.
xii.	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	We have undertaken waste minimization measures as below: - a) Yeast & CPU sludge after drying, is used for manufacturing on site. Non-Biodegradable waste is manually collected and sold to scrap vendors & biodegradable waste is used as manure. b) DDGS will be provide Cattle feed, food for poultry purpose c) Automated filling to minimize spillage will be followed d) Venting equipment through vapor recovery system is in place. e) We will use high-pressure hoses for equipment clearing to reduce wastewater generation.
xiii.	The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of	Agreed. 33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.

	plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.	
xiv.	PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.	We are in the process of discussion with District Magistrate. Regarding CER activity. We will implement the same. Details are as follows The capital cost of the proposed establishment project is Rs. 146.50 Crores. The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
xv.	There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.	15.09 % of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products, parking layout is attached as **Annexure 5**
xvi.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Agreed
xvii.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous online (24x7) monitoring system for stack emissions installation is in installed on site & its connection with MPCB server is in process
xviii.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) carry out the Environmental Management is provided as mentioned

	Management and Monitoring functions.	EMP submitted during meeting.
B. General Condition		
i.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed and no further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.
ii.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	The low energy consumption light source i.e., LED Lamps are provided for illumination. The same practice shall be continued.
iii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The acoustic measures, silencer pads etc are provided. Regular maintenance of all the noise generating equipment is done from time to time. Periodic monitoring of Ambient noise levels is done by NABL/MoEF&CC Accredited laboratories are done the records are maintained. The noise monitoring reports are enclosed as **Annexure 3.**
iv.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be Implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
V.	• The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the	• Agreed. • The funds earmarked for environmental protection measures are kept in a separate account and never spend on other purposes. • We are submitting herewith funds allocated for Environmental

	conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Management Plan (EMP). • Total set up Cost: 2435 Lakh • O & M cost: 166 Lakh/annum solar
vi.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Copy of EC has been submitted MPCB.
vii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	Noted. We are regularly submitting the six monthly EC compliance report to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB.
viii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	We have submitted the Environmental Statement Report for the financial year 2024–2025. Vide No. MPCB-ENVIRONMENT_STATEMENT-0000078519 Dated 27-05-2025 Copy is attached as **Annexure 8**
ix.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The advertisement had been published in local English & Marathi newspaper. Advertisement copy is attached as **Annexure 6.**
x.	The project authorities shall inform the Regional Office as well as the Ministry, the	Agreed.

	date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	
xi.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed.

PART C: ANNEXURE

Environment Clearance Certificate Distillery Unit

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Director
SUFALAM INDUSTRIES LIMITED
Navrang, Vasudev, Vrindavan,Jamtha,Nagpur,Maharashtra-441122

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/246505/2021 dated 06 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A060MH144844**
2.	**File No.**	IA-J-11011/528/2021-IA-II(I)
3.	**Project Type**	New
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	5g(a)-Grain Based distilleries for Ethanol Blended Petrol
6.	**Name of Project**	Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/S. Sufalam Industries Limited .
7.	**Name of Company/Organization**	SUFALAM INDUSTRIES LIMITED
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 25/02/2022

(e-signed)
A.K Pateshwary
Director
IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.

3. All grain based distilleries producing ethanol, solely to be used for Ethanol Blended Petrol Programme of the Government of India are listed at S.N. 5(ga) of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 amendment vide S.O 2339 dated 16th June 2021 under category 'B-2' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal is exempted from obtaining ToR & conducting Public Hearing as per EIA notification, 2006 amendment vide S.O 2339 dated 16th June 2021. It was informed that no litigation is pending against the project.

5. The details of products and capacity are as under: -

Description	**Unit**	**Total**
Distillery Unit	**KLPD**	**210**
Anhydrous Alcohol (Fuel Ethanol)	KLPD	210
Impure Spirit	KLPD	6.6
Fusel Oil	KLPD	2.0
By Product		
CO2	TPD	157
Distillers' Dry Grain with Soluble (DDGS)	TPD	136
Power Generation (TG set)	MW	5

6. Total project area is 100000 m^2 (24.71 acre). Industry will develop greenbelt in an area of 33.9 % i.e., 33,915 m2 (8.38 acre) out of net plot area of the project.

7. The estimated project cost is Rs 146.50 Crore. Total capital cost earmarked towards environmental pollution control measures proposed unit will be Rs 24.35 Crores and the Recurring cost (operation and maintenance) will be about Rs 1.66 Crores per annum. Total Employment for proposed unit will be 230 (Construction phase 150 Nos & operation phase 80 Nos) persons as direct & 500-1000 persons indirect employment. Industry proposes to allocate Rs 2.19 crores towards Corporate Environment Responsibility.

8. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body satbahini river flowing at a distance of approx 2.87 Km in west direction & Bagh river at a distance of approx 5.98 Km in north direction.

9. Total water requirement is 2198 m^3/day of which fresh water requirement of 886 m^3/day will be met from Nagar Panchayat Deori. Effluent of quantity 2140 m3/d (Spent wash slop 861 + Spent lees 210 + MEE Process Condensate 577 + Dryer condensate 272 + Boiler Blow down 32 + Cooling tower blow down 123 + Washing 65). Spent Wash Slops (approx. 7.36 % w/w solids) will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS and Process condensate along with blow down will be treated in Condensate Polishing Unit. The plant will be based on Zero Liquid discharge system.

10. Power requirement will be 4.5 MW including which will be met from 5 MW Turbine Generator set connected to 45 TPH boiler. Additionally 2 No of 500 kVA DG sets will be used as standby during power failure. Stack (height 5m.) will be provided as per CPCB norms to the proposed DG sets. Grain based distillery unit proposed to install coal/ rice husk fired boiler of capacity 45 TPH. Electrostatic precipitator (ESP) with a stack of height of 60 m will be installed to proposed 45 TPH boiler for controlling the particulate emissions within the statutory limit of 150 mg/Nm3 for the proposed boilers.

11. Details of Process emissions generation and its management:

Sr. No	Source	Fuel	Pollutant	Control Equipment
1	1 No of 45 TPH boiler	Coal or Rice Husk	PM, SO2 & NOx	60 m stack height and ESP as APC Equipment shall be provided

Sr. No	Source	Fuel	Pollutant	Control Equipment
2	D. G. Sets 2 Nos of 500 kVA	HSD	PM & SO2	5m Stack Height shall be provided
3	Fermentation Unit	--	CO2	CO2 Recovery Unit

12. Details of Solid waste/Hazardous waste generation and its management:

Solid Waste Management

Sr. No.	Description of waste		UOM	Quantity	Treatment	Mode of collection and disposal
1	Yeast sludge		Kg/D	400	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
2	CPU sludge		Kg/D	200	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
3	Boiler ash	Coal as fuel	MT/day	65	Will be sold to brick manufacturer	Will be sold to brick manufacturer
		Rice husk as fuel		56		
Municipal Solid waste from Operational (80 No) workers						
1	Non-Biodegradable		Kg/D	12	--	Manually collected and sold to scrap vendors
2	Bio-degradable		Kg/D	8	Composting	Used as manure

Municipal Solid waste from Residential colony (20 Family 100 persons)					
1	Non-Biodegradable	Kg/D	20	--	Manually collected and sold to scrap vendors
2	Bio-degradable	Kg/D	30	Composting	Used as manure

Hazardous Waste Management

Sr. No.	Description of waste	Category	UOM	Quantity	Mode of collection and disposal
1	Spent oil	5.1	MT/A	1	Used in own boiler as fuel

13. As per OM dated 16th June, 2021, PP has submitted self-certification in the form of affidavit declaring that the proposed capacity of 210 KLPD will be for manufacturing of fuel ethanol only.

14. During the deliberations, EAC directed PP to submit an undertaking for the following commitments/information:

a) Fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol.
b) Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.
c) Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.
d) The proposed budget towards CER be increased to Rs. 2.50 Crores The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.
e) PP shall allocate Rs. 50 Lakhs per annum Fund for occupational health and safety.

PP has submitted the desired commitments/information sought above in the form of undertaking except for points (a) & (e) which are being imposed as specific conditions.

15. The proposal was considered by the EAC in its 49th meeting held during 27th- 28th January, 2022 in the Ministry, wherein the project proponent and their consultant M/s Ampl Environ Pvt. Ltd presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance.

16. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

17. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

18. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby **accords** environmental clearance to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited, under the

provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -

A. Specific Conditions:

(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

(ii) EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.

(iii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.

(iv) The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.

(v) Total fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.

(vi) The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.

(vii) CO_2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.

(viii) PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(ix) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.

(x) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.

(xi) Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xiii) The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.

(xiv) PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.

(xv) There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.

(xvi) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(xvii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(xviii) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions

stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

20. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

21. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

22. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

23. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

24. This issues with the approval of the competent authority.

(Ashok Kumar Pateshwary)
Director

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

(Ashok Kumar Pateshwary)
Director
E-mail: ak.pateshwary@gov.in
Tel. No. 24695290

Letter regarding project not falling under ESZ

File No IA- J-11011/528/2021-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-110 003

Dated: 27th December, 2023

To

Shri Hardik Agrawal (Director),
M/s. Sufalam Industries Limited
Navrang, Vasudev, Vrindavan,
Jamtha, Nagpur (Rural), Maharashtra-441122.

Sub: Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited - Environment Clearance reg.

Sir,

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above-mentioned project. Based on the proposal submitted by PP and the recommendations of the EAC (Industry-II), the Ministry has granted environmental clearance to the project (EC ID EC22A060MH144844 dated 25.02.2022).

2. Subsequently, the Ministry received a complaint from Shri. S.S. Patil, a resident of Solapur, Maharashtra, alleging that the M/s. Ampl Environ Pvt. Ltd. (the consultant) provided inaccurate information by stating that there are no eco-sensitive regions within a 10 km radius of the project site whereas the entire 'Deori' village, where the proposed distillery site is located, falls within the Ministry's ESZ Notification dated 25.02.2016, covering Nagzira WLS, New Nagzira WLS, Koka WLS, Navegaon WLS, and Navegaon NP.

3. Based on complaint received and after due examination, Ministry issued a Show Cause Notice (SCN) to M/s. Sufalam Industries Limited vide letter dated 26.05.2023 under para 8 (vi) of the EIA Notification of 2006 read with Section 5 of the Environment (Protection) Act, 1986 for concealment of factual information, as the project site falls within the New Nagzira and Koka Eco Sensitive Zone (ESZ) notified on 25.02.2016.

4. In response to the SCN, the project proponent, through letter dated 22.06.2023, acknowledged that during the EC application, the distance from the national park and wildlife sanctuary was measured from the buffer area

boundary. However, the distance from the eco-sensitive zone (ESZ) was not measured due to ambiguity surrounding the ESZ area and it was realized later that the activity is not permitted as per the ESZ Notification, and there was no deliberate attempt to conceal information or misguide the authorities. The PP has also stated that construction or erection of the distillery unit was not commenced after the realization that the project site is located within the ESZ. The PP has also informed that, as per the draft ESZ notification SO 876 (E) dated 24.02.2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navagaon Wildlife Sanctuary, and Navegaon National Park in Gondia and Bhandara Districts in Maharashtra. Considering the aforementioned facts, the industry requested that no legal action be taken against their proposed distillery unit with a request for personal hearing before any adverse action is taken.

5. Opportunity for Personal Hearing was given as per request of PP which was held on 09.08.2023 at 10:30 AM. During the personal hearing PP admitted that Industry was located within the area included in the ESZ Notification dated 25.02.2016 and there was no deliberate attempt to conceal information or misguide the Authorities and requested not to revoke the EC as no construction had been started and as per draft ESZ notification SO 876 (E) dated 24.02.2023, the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ).

6. The matter has been examined in Ministry and it is found that the project site falls outside draft ESZ notification SO 876 (E) dated 24.02.2023. The draft ESZ got finalized vide S.O. 4132(E) dated 20.09.2023 and as per the final notification the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park.

7. Further, the proposed site was inspected by Regional Office on 26.09.2023 and RO has submitted the factual report of the site vide letter EC-2221IRON/2023-NGP-12240 dated 27.09.2023 wherein it was reported, along with some observations, that the site is vacant open land and no activity had been carried out at the site.

8. Subsequently, the matter was considered in EAC (Ind-II) held on 04th – 05th October, 2023 wherein PP has submitted compliance to observations made in inspection report, budgetary allocation of EMP, revised ecological profile of the proposed site. Details are enclosed as Annexure. The Committee was satisfied with the information furnished by the Project Proponent. After detailed deliberations the Committee stipulated the following additional specific conditions as safeguard measures:

(i) The project proponent shall prepare a site-specific conservation plan and wildlife management plan for Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.

(ii) ESP along with stack height of 60 m shall be provided to bagasse/coal fired boilers to meet the particulate matter emissions within the statutory limit of 30 mg/Nm3.The SO2 and NOx emissions shall be within the prescribed norms of 100mg/Nm3 At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.

(iii) 6 feet high compound wall and 2 feet barbed wire fencing above compound wall along nala boundary shall be provided and 10 m thick plantation buffer from compound wall towards nala shall be created. PP shall ensure that no wastewater/treated water and solid waste is discharged into the nallah.

(iv) As proposed, 5 m thick plantation buffer from compound wall towards dilapidated school building of Z.P Gondia.

(v) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.

(vi) PP shall sensitize and create awareness amongst the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

9. The MoEF&CC has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification,

2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee, hereby withdraws the SCN issued vide letter dated 26.05.2023 and further stipulates above additional conditions in EC ID EC22A060MH144844 dated 25.02.2022. All other terms & conditions stipulated vide EC ID EC22A060MH144844 dated 25.02.2022 for granted for proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited remain unchanged.

10. This issues with the approval of the competent authority.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'
E-mail: vk.hatwal@gov.in

Annexure

S. No.	Points raised by IRO in his report	Compliance by PP
1	PP informed that the site does not fall under the ESZ, however, PP has not submitted any map in this regard.	As per the ESZ notification S.O. 4132(E) dated 20/09/2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park. Project site is located approx. at 0.44 km from ESZ boundary. Map showing distance of project site to the ESZ boundary has been submitted.
2	School building at about 213 m on Westen side of the site	School building is present at 213 m on the western side of the site which belongs to Deori Nagar Parishad and same is not in use from the year 2015. The building itself is in dilapidated state. PP has submitted Photographs of school.
3	Nalla is flowing adjoining the North- West corner of the site flowing from west to eastern direction.	NOC for the establishment of proposed 210 KLD distillery is received from Executive Engineer, Gondia Irrigation Division & same is submitted.
4	Wildlife Schedule -I species data may be obtained from the Wildlife Division of the Ministry.	PP has prepared conservation plan for schedule I species as per the list shared by the DFO, Gondia and the same is submitted to DFO, Gondia for approval. Fund earmarked towards Conservation of Schedule – I species is considered in revised EMP. **Brief Conservation Plan:** An integrated forest and wildlife conservation plan for Sufalam Industries Limited encloses the methods employed by the organization to safeguard the forests and wildlife in Gondia district with special attention on the closely located Navegaon National Park. The

		conservation plan focuses on the protection of the predominant forest types and listed umbrella species of the region. Conservation of wildlife and forests in the region shall be a continuous process evolving with each new findings of the monitoring process and will be constantly upgraded based on the observations of experts and all stakeholders.

Budgetary allocation for Environment Management Plan:

S. No.	COMPONENT	PARTICULARS		CAPITAL INVESTMENT (IN LAKHS)	RECURRING INVESTMENT (IN LAKHS)
1.	Air	Construction of new stack for boiler and ESP		250	20
2.	Water	• Construction distillery CPU • MEE & spray dryer for Distillery		1600	100
3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc		30	2
4.	Environment monitoring and Management	Quarterly Environment Monitoring (Per Year)		--	10
		Ambient air monitoring	PM_{10}, $PM_{2.5}$, SO_2, NOx		
		Boiler & DG Set Monitoring	TPM, SO_2, NOx		
		Effluent (Treated &Untreated)	pH, COD, BOD, TSS, TDS, Oil & Grease		

5.	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)	80	15
6.	Greenbelt	Green belt development activity	10	3
		Maintenance of green belt	--	3
7.	Biodiversity	Conservation of Schedule I species	00	3.5
8.	Solid Waste Management	Solid Waste Management	50	7
9.	Rain water harvesting	Rain water harvesting	15	2
10	Energy Conservation measures	Solar PV panel, Solar street light, High efficiency pump for CPU	400	4
		TOTAL COST (INR, LAKHS)	**2435**	**169.5**

Revised distances of ESZ, forest areas and water bodies:

Features	**Description**		**Direction w.r.t. site**
Nearest Reserved Forests	Reserved Forest near Parastola ~2.4Km		S
	Reserved Forest near Deori~2.2 Km		W
	Reserved Forest near Nawatola~ 0.2 Km		N
State boundary	Maharashtra- Chhattisgarh State boundary~6.92 Km		E
Nearest National Park/Wildlife Sanctuary	**Approximate distance as per Ministry S.O 4132. (E) dated 20/09/2023**	**From ESZ**	**Heading in Degrees**

	Nagzira Wildlife sanctuary	0.44	168.50
	New Nagzira Wildlife sanctuary	0.4	168.50
	Koka Wildlife sactuary	0.44	168.50
	Navegaon Wildlife sanctuary	0.44	168.50
Forest	Malewada Forest Range~ 12.75 Km		
Nearest Defence installation	None within 10 km radius of the project		
Nearest CRZ	None within 10 km radius of the project		

CGWA NOC

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Sufalam Industries Limited		
Project Address:	D-3, Midc Deori,, Tehsil Deori, District Gondia, Maharshtra		
Town:	Deori (ct)	Block:	Deori
District:	Gondia	State:	Maharashtra
Pin Code:			
Communication Address:	Plot D-3, Midc, Deori,, Taluka Deori, District- Gondia,, State Maharashtra, Deori, Gondia, Maharashtra - 441901		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	**NOC No.:**	CGWA/NOC/IND/ORIG/2023/18452	2.	**Date of Issuence**	08/05/2023
3.	Application No.:	21-4/7893/MH/IND/2022	4.	Category: (GWRE 2020)	Safe
5.	Project Status:	New Project	6.	NOC Type:	New
7.	**Valid from:**	12/01/2023	8.	**Valid up to:**	11/01/2026

9. Ground Water Abstraction Permitted:

Fresh Water		Saline Water		Dewatering		Total	
m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year
477.00	157410.00						

10. Details of ground water abstraction /Dewatering structures

	Total Existing No.:0						Total Proposed No.:7					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	1	0	6	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11. Ground Water Abstraction/Restoration Charges paid (Rs.): 314820.00

12. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.

No. of Piezometers	Monitoring Mechanism		
	Manual	DWLR**	DWLR With Telemetry
1	0	1	0

**DWLR - Digital Water Level Recorder

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
https://cgwa-noc.gov.in

Application No,:	21-4/7893/MH/IND/2022		
Name of Firm:	SUFALAM INDUSTRIES LIMITED		
AppType Category:	*Distilleries*		
Application Type:	*Industrial*		
PAN/GSTIN No. of Firm/Individual:		/	

SN	Description	Amount (Rs.)
1.	Application Processing Fee	10000.00
2.	Ground Water Abstraction /Restoration charges	314820.00
3.	Environmental Compensation Charges (ECRGW) *(Date From to) Days-*	
4.	Penalty for non-Compliance of NOC conditions *Condition to be mentioned*	
	Rs. Rupees Three Lakh Twenty Four Thousand Eight Hundred Twenty Only	**324820.00**

This is an system generated invoice, hence, does not require ink signed.

Term and conditions:

i. All disputes are subject to Delhi Jurisdiction.
ii. Any complaint in regard to the rateswill not be entertained

Member-Secretary
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY

EHS MATRIX PRIVATE LIMITED
Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate, Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2025/Feb/R-525**	**Issue Date**	**21/02/2025**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Air	**Sample Description**	Ambient Air
Date of Sampling	12/02/2025	**Sampling duration**	1440 Min
Sampling Location	**Near Main Gate**	**Sampling Procedure**	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	34^0C	**Wet bulb temperature**	28^0C
Relative Humidity	45 %	**Sampling done by**	EHS Matrix Pvt. Ltd., Pune
Start Date of Analysis	14/02/2025	**End Date of Analysis**	21/02/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO_2)	28.3	µg/m^3	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO_2)	34.6	µg/m^3	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	62.0	µg/m^3	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter $PM_{2.5}$	26.3	µg/m^3	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m^3	≤ 04	
6	Ozone(O_3)	18.1	µg/m^3	≤ 180	
7	Lead (Pb)	BDL	µg/m^3	≤ 01	
8	Arsenic(As)	BDL	ng/m^3	≤ 06	
9	Nickel(Ni)	BDL	ng/m^3	≤ 20	
10	Ammonia(NH_3)	BDL	µg/m^3	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m^3	≤ 1.0	
12	Benzene(C_6H_6)	BDL	µg/m^3	≤ 05	IS 5182 (Part 11)

Remark- All above results is within National Ambient Air Quality standards.
BDL – Below Detectable Limit.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

EHS MATRIX
PRIVATE LIMITED
Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2025/Feb/R-526**	**Issue Date**	**21/02/2025**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Noise	**Sample Description**	Ambient Noise
Date of Sampling	12/02/2025	**Sampling duration**	Spot Time
Sampling done by	EHS Matrix Pvt. Ltd., Pune.		

Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A)	Method
1.	Near Main Gate	52.4	41.3	55/45	CPCB Guideline

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -55/45 dB.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

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PRIVATE LIMITED
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Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2025/Feb/R-527**	**Issue Date**	**21/02/2025**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Soil	**Sample Description**	S1
Date of Sampling	12/02/2025	**Sampling Time**	11.00 AM
Sampling Location	**Within Project Site**	**Sampling Procedure**	--
Sampling done by	EHS Matrix Pvt. Ltd., Pune	**Sample Quantity**	02 Kg
Start Date of Analysis	14/02/2025	**End Date of Analysis**	21/02/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	23	**%**	
	b) Silt	21	**%**	
	c) Clay	56	**%**	
2	pH at 25^0C	7.31	--	IS 2720(Part 26) 1987
3	EC at 25^0C	228	µS/cm	IS 14767 : 2000
4	Moisture Content	4.0	%	Manual Of Soil Testing
5	Organic Matter	0.18	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	0.2	meq/100g	Manual Of Soil Testing
7	Bulk Density	3.1	g/cm^3	Manual of Soil; Testing
8	Available Phosphorus	19.6	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	121.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	40.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	22.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	17.5	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	2.2	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	1.9	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	4.1	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	2.3	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	124.0	mg/Kg	Manual of Soil Testing

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

TC-12331

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization
(NABL QCI Accredited , MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/108-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-108	Sampling Location : CPP-5 MW Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 60.0 mtr Stack Diameter at Port : 3.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 137 °C Velocity of Flue Gas : 4.62 m/sec Flow Rate of Flue Gas : 83141.74 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	112.6	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	38.4	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	206.66	156.2	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	41.6	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

** End of the Report **

EARTHCARE LABS PRIVATE LIMITED

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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/108-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-108	Sampling Location : CPP-5 MW Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 60.0 mtr Stack Diameter at Port : 3.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 137 °C Velocity of Flue Gas : 4.62 m/sec Flow Rate of Flue Gas : 83141.74 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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(C.P. Jadhao)
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** End of the Report **

TC-12331

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/109-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-109	Sampling Location : D.G. Set -1, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 102 °C Velocity of Flue Gas : 8.84 m/sec Flow Rate of Flue Gas : 773.47 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	150	62.1	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	71.4	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	1.32	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	83.2	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/109-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-109	Sampling Location : D.G. Set -1, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 102 °C Velocity of Flue Gas : 8.84 m/sec Flow Rate of Flue Gas : 773.47 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--		USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
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EARTHCARE LABS PVT. LTD. NAGPUR

Verified & Authorized by

(C.P. Jadhao)
Quality Manager

** End of the Report **

TC-12331

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/110-A	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-110	Sampling Location : D.G. Set -2, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 109 °C Velocity of Flue Gas : 8.57 m/sec Flow Rate of Flue Gas : 736.06 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Particulate Matter	mg/Nm^3	100	43.7	IS 11255 (Part 1)
2.	Sulphur Dioxide as SO_2	mg/Nm^3	--	76.7	IS 11255 (Part 2)
3.	Sulphur Dioxide as SO_2	Kg/day	32.07	1.35	IS 11255 (Part 2)
4.	Oxides of Nitrogen (as NO_2)	mg/Nm^3	--	86.9	IS 11255 (Part 7)

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report
Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No. : ELPL/04-25/110-B	Report Date: 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Stack Emission Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Apr-25/597/82/S-110	Sampling Location : D.G. Set -2, 630 KVA Environment Condition : Sunny (during sampling)
Sampling Date : 26-04-2025 Sample Receipt Date : 27-04-2025	Sampled by : ELPL Representative
Stack Height : 5.0 mtr Stack Diameter at Port : 0.20 mtr Type of Fuel : HSD	Temperature of Flue Gas : 109 °C Velocity of Flue Gas : 8.57 m/sec Flow Rate of Flue Gas : 736.06 Nm^3/Hr
Period of Analysis : From 27-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
Discipline : Chemical, **Group :** Atmospheric Pollution, **Materials/Products Tested :** Stack Emission					
1.	Hydrocarbon (as HC)	%	--	BDL (< 0.1)	USEPA OTM-39
2.	Carbon Monoxide (as CO)	mg/Nm^3	--	BDL (< 0.1)	Multi Gas Analyzer Method USEPA OTM-39

Note: 1.* Indicates Consent No. Format 1.0/CC/UAN No. MPCB-CONSENT-0000211870/CO/2407002382 dtd.25-07-2024.
2. Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

EARTHCARE LABS PVT. LTD. NAGPUR

Verified & Authorized by

(C.P. Jadhao)
Quality Manager

** End of the Report **

TC-12331

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

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Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/31-A	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-31	Sampling Location : Process Condensate Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Colour	Colour Units	1.0	IS 3025 (Part 4)
2	Odour	--	Disagreeable	IS 3025 (Part 5)
3	pH value	--	3.8	IS 3025(Part 11)
4	Electrical Conductivity	µS/ cm	352.5	IS 3025 (Part 14)
5	Turbidity	NTU	11.5	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	236.0	IS 3025 (Part 16)
8	Total Suspended Solids (TSS)	mg/l	BDL (< 0.4)	IS 3025 (Part 17)
8	Biochemical Oxygen demand or BOD, 3 days at 27 degree C.	--	810.0	IS 3025 (Part 44)
9	Chemical Oxygen Demand (COD)	mg/l	1750.0	IS 3025 (Part 58)
10	Free Residual Chlorine	mg/l	BDL (< 0.1)	IS 3025 (Part 26)
11	Ammonical Nitrogen (as N)	mg/l	BDL (< 0.1)	IS 3025 (Part 34)
12	Calcium (as Ca)	mg/l	52.1	IS 3025 (Part 40)
13	Chloride (as Cl)	mg/l	49.6	IS 3025 (Part 32)
14	Fluoride (as F)	mg/l	BDL (< 0.2)	APHA-23rd Ed. 4500–F^- C
15	Iron (as Fe)	mg/l	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)

TC-12331

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

(NABL QCI Accredited , MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/32-A | Report Date : 03-05-2025

Sr. No.	Test Parameters	Unit	Result	Test Method
16	Total Silica	mg/l	17.2	IS 3025 (Part 35): 1988 RA 2019 (Clause No. 3)
17	Magnesium (as Mg)	mg/l	39.6	APHA-23rd Ed. 3500–Mg B.
18	Sulphate (as SO_4)	mg/l	36.7	APHA-23nd Ed. 4500-SO_4^{2-} E
19	Total Alkalinity (as $CaCO_3$)	mg/l	105.6	IS 3025 (Part 23)
20	Total Hardness (as $CaCO_3$)	mg/l	110.0	IS 3025 (Part 21)

Note : Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

** End of the Report **

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

(MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, ***Website:*** www.earthcarenagpur.com

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/31-B	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-31	Sampling Location : Process Condensate Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Magnesium Hardness (as CaCO3)	mg/l	1.62	APHA-23rd Ed. 3500–Mg B., Pg. No. 3-86

Note : Test results relates to sample collected & tested only for the selected parameters . It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

** End of the Report **

TC-12331

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

(NABL QCI Accredited , MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Test Report
Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/29-A	Report Date : 03-05-2025
Name & Address of the Customer : **M/s. Sufalam Industries Limited,** Plot No. D-3, MIDC, Deori, Tal-Deori, Dist-Gondia.	
Sample Type : Waste Water (Effluent) Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No. : ELPL/Apr-25/597/68/EI-29	Sampling Location : Final Permit Env. Condition : Sunny (during sampling)
Sampling Date : 25-04-2025 Sample Receipt Date : 25-04-2025	Sampled by : ELPL Representative
Period of Analysis : From 26-04-2025 to 03-05-2025	

Results of Analysis

Sr. No.	Test Parameters	Unit	Result	Test Method
Discipline : Chemical, **Group :** Pollution & Environment, **Materials/Products Tested :** Waste Water (Effluent)				
1	Colour	Colour Units	1.0	IS 3025 (Part 4)
2	Odour	--	Agreeable	IS 3025 (Part 5)
3	pH value	--	6.78	IS 3025(Part 11)
4	Electrical Conductivity	µS/ cm	28.8	IS 3025 (Part 14)
5	Turbidity	NTU	0.25	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	18.0	IS 3025 (Part 16)
7	Total Suspended Solids (TSS)	mg/l	BDL (< 0.4)	IS 3025 (Part 17)
8	Biochemical Oxygen demand or BOD, 3 days at 27 degree C.	--	BDL (< 2.0)	IS 3025 (Part 44)
9	Chemical Oxygen Demand (COD)	mg/l	8.20	IS 3025 (Part 58)
10	Free Residual Chlorine	mg/l	BDL (< 0.1)	IS 3025 (Part 26)
11	Ammonical Nitrogen (as N)	mg/l	BDL (< 0.1)	IS 3025 (Part 34)
12	Calcium (as Ca)	mg/l	8.23	IS 3025 (Part 40)
13	Chloride (as Cl)	mg/l	10.4	IS 3025 (Part 32)
14	Fluoride (as F)	mg/l	BDL (< 0.2)	APHA-23rd Ed. 4500–F⁻ C
15	Iron (as Fe)	mg/l	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)

TC-12331

EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, ***Website:*** *www.earthcarenagpur.com*

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/04-25/29-A | Report Date : 03-05-2025

Sr. No.	Test Parameters	Unit	Result	Test Method
16	Total Silica	mg/l	3.40	IS 3025 (Part 35): 1988 RA 2019 (Clause No. 3)
17	Magnesium (as Mg)	mg/l	12.3	APHA-23rd Ed. 3500–Mg B.
18	Sulphate (as SO_4)	mg/l	9.26	APHA-23nd Ed. 4500-SO_4^{2-} E
19	Total Alkalinity (as $CaCO_3$)	mg/l	54.7	IS 3025 (Part 23)
20	Total Hardness (as $CaCO_3$)	mg/l	61.3	IS 3025 (Part 21)

Note: Test results relates to sample as collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

EARTHCARE LABS PVT. LTD. NAGPUR

(C.P. Jadhao)
Quality Manager

** End of the Report **

PESO certificate & Layout

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)

E-mail : jtccemumbai@explosives.gov.in
Phone/Fax No : 022 - 27575946,27573881

संख्या /No : **A/P/WC/MH/15/7482 (P524316)**

दिनांक /Dated : **28/06/2024**

सेवा में /To,

M/s. Sufalam Industries Ltd.
Apt.No.701/2,7th Floor,B-Wing,Block No.B-3,Devaki,,
Jamtha Tal.Nagpur
Jamtha,
Taluka: Nagpur (Rural),
District: NAGPUR
State: Maharashtra
PIN: 441122

विषय /Sub : **Plot No, D-3, Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** में प्रस्तावित पेट्रोलियम वर्ग **A** अधिष्ठापन - पूर्वानुमोदन के अधिक्रमण के संदर्भ में ।
Proposed Petroleum Class **A** Installation at **Plot No, D-3, Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** Regarding in supersession of prior approval

महोदय
/Sir(s),

कृपया आपके पत्र संख्या **OIN1702471** दिनांक **27/06/2024** का संदर्भ ग्रहण करें ।
Please refer to your letter No. **OIN1702471** dated **27/06/2024**

अनुमोदित किया जाता है तथा प्रत्येक आरेखण की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।
The Drawing(s) nos. **P/SIL/N6/21/05-24** dated **17/05/2024**, **P/SIL/N6/21/05-24** dated **17/05/2024** , showing the site and layout etc. of the above installation is/are approved in **supersession** of old Drawings and a copy (of each) of the same is returned herewith duly endorsed in token of approval.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें ।
The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

Conditions of the Approval:-
Sortest inter distance between storage vessel (periphery) to the firewater tank and pump house shall be incorporated in the site plan. 2.foundation details of the storage tank shall be incorporated in layout plan .3. QRA report along with closure report shall be submitted at the time of grant of lic .4. The provision of earthing to be provided at the tanker loading/unloading. 5. LoI from an authorized supplier to be furnished.

1. प्ररूप IX(संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
   An Application in Form IX (enclosed) duly filled in and signed.
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुज्ञप्ति शुल्क रू **50000**/- (प्रति वर्ष – अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
   A license fee of Rs. **50000**/- (per year - maximum upto 10 years)to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी ईंक करेक्शएन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।
   Four copies of the approved plans.
4. इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्टैंप सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्ररूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
   Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person.
5. पेट्रोलियम नियम, 2002 के नियम 144 के तहत निर्धारित प्रपत्र के अनुसार जिला प्राधिकरण (एलएसडीए) मॉड्यूल के लाइसेंसिंग सिस्टम के माध्यम से जारी किया गया अनापत्ति प्रमाण पत्र, उनके हस्ताक्षर और मुहर के साथ पृष्ठांकित आरेखण /प्लानन की प्रति के साथ ही । पुआरएल : https://lsda.peso.gov.in/LSDAOnline/Login.aspx के माध्यम से ऑनलाइन एनओसी आवेदन, ई-फाइलिंग किया जा सकता है।
   No objection certificate issued under Rule 144 of the Petroleum Rules, 2002 as per prescribed proforma by the District Authority through Licensing System for District Authority (LSDA) module only together with a copy of drawings/plans endorsed with his sign and seal. Online NOC application eFiling may be accessed through URL : https://lsda.peso.gov.in/LSDAOnline/Login.aspx
6. इस कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों)के नमूना हस्ताक्षर।
   Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation**with a copy to Controller of Explosives, WARDHA , WARDHA**.

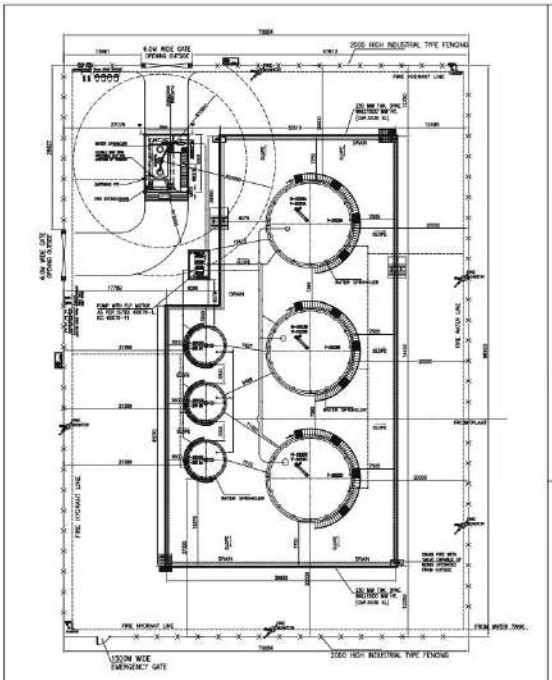
जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के सॉलवेन्ट, रैफिनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।
Please follow the requirement/provision of " Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।
This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

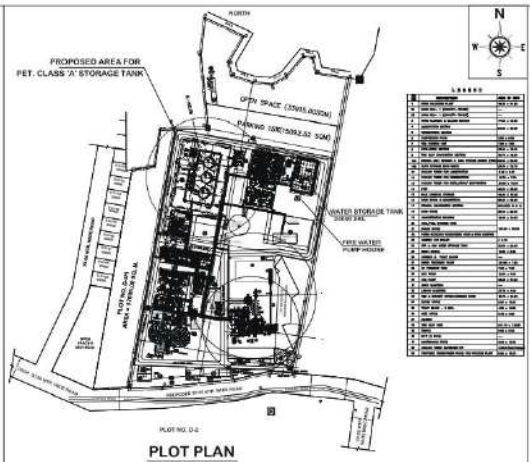
भवदीय /Yours faithfully,

((अमित कुमार)
(Amit Kumar))
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

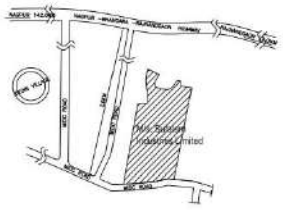
Note:-This is system generated document does not require signature.
(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)



ABOVE GROUND STORAGE TANK
INSTALLATION LAY-OUT DETAIL PLAN



PLOT PLAN



LOCATION PLAN

GENERAL NOTES :
(For Bulk Petroleum Storage Installations)

1. ALL PIPES PASSING UNDER ROADS SHALL BE ENCASED IN MUMS PIPE SLEEVES OF ADEQUATE DIA
2. BARE PIPES, IF BURIED, SHALL BE WRAPPED AND COATED AS PER IS 10221 TO PROTECT AGAINST CORROSION
3. ALL PIPES SHALL BE BUTT WELDED OR SOCKET WELDED (FOR SIZES 40MB & BELOW) EXCEPT FOR EQUIPMENT/VALVES CONNECTIONS.
4. PIPES LAID ABOVE GROUND OR IN TRENCHES SHALL BE SUPPORTED AT SUITABLE INTERVAL AS PER STANDARD PRACTICE
5. NO OVERHEAD OR UNDERGROUND POWER CABLE SHALL PASS THROUGH THE TANK FARM AREA.
6. ADEQUATE FIRE EXTINGUISHERS SHALL BE PROVIDED IN THE TANK FARM AREA
7. THE FLOOR OF TANK FARM AREA INSIDE DYKE WALL SHALL BE RCC/ CEMENT CONCRETE (PUCCA) CONSTRUCTION & SLOPING TOWARDS OIL SUMP PIT. REF. COND. 3(I) TO 3(II) OF LICENCE IN FORM XV
8. THE OUTLET OF SUMP PIT IS PROVIDED WITH ISOLATION VALVE CAPABLE OF BEING OPERATED FROM OUTSIDE THE DYKE WALL. SUMP VALVE SHALL ALWAYS BE IN CLOSED POSITION & IT SHALL NOT BE USED FOR DRAINING RAIN WATER. REF. COND. 3(A) OF LICENCE IN FORM XV
9. OPENING IN DYKE WALL SHALL BE SEALED WITH PCC AFTER THE HYDRO-TEST OF PIPING IS COMPLETED
10. ENTIRE PETROLEUM STORAGE FACILITY IS FENCED BY MIN. 2000 MM HIGH FENCING
11. ALL VALVES DIRECTLY MOUNTED ON TANK SHALL BE IN FORGED/CAST STEEL CONSTRUCTION
12. THE TANKS SHALL REST ON RCC FONDATION. REF. COND. 3(I) OF LICENCE IN FORM XV
13. THE TANKS, MOTOR & ELECTRIC FITTING SHALL BE EARTHED AT 2 DISTINCTIVE POINTS ON DIAMETRICALLY OPPOSITE SIDES REF RULE 126
14. TANKS SHALL BE IN WELDED CONSTRUCTION AND MADE FROM MILD STEEL PLATE CONFIRMING IS - 2062
15. TANKS SHALL BE DESIGNED, FABRICATED, TESTED AND INSPECTED AS PER IS : 803 FOR VERTICAL CYLINDRICAL TANKS
16. ALL ELECTRICAL/ELECTRONIC FITTINGS VIZ. LIGHT FITTINGS, STARTERS/SWITCHES, MOTORS ETC., SHALL BE "FLAME PROOF" OF A TYPE APPROVED BY CHIEF CONTROLLER OF EXPLOSIVES, PESO NAGPUR AND SHALL BE AS PER IS/IEC 60079-1, IEC 60079-11 (OLD IS:2148) [REF RULE 126]
17. TANK VENT OPENING SHALL BE COVERED WITH NON-CORRODING METAL WIRE GAUGE OF 2 LAYER OF MIN. 11 MESH PER LINEAR CM REF COND. 4 OF LICENCE IN FORM XV
18. THE GROUND INSIDE THE FENCED AREA OF THE INSTALLATION AND THE PROTECTED AREA SURROUNDING IT SHALL BE CLEAN AND FREE FROM ALL VEGETATION, WASTE/RUBISH MATERIAL AND ANY FLAMMABLE ITEMS.
19. THE FILL POINTS SHALL BE PROVIDED AT APPROPRIATE PLACES.
20. "NO SMOKING" BOARDS, SHALL BE PROVIDED AT APPROPRIATE PLACES
21. THE DIP PIPE INSIDE THE TANK SHALL BE PERFORATED & COVERED WITH TWO LAYERS OF METALLIC WIRE MESH & SHALL BE NORMALLY KEPT COVERED WITH CAP AT THE TOP

CALCULATIONS OF DYKE WALL HEIGHT :-

NOMINAL CAPACITY OF LARGEST TANK	= 3033.5KL
HOLDING CAPACITY OF LARGEST TANK (H1)	= 1021.48M
TOTAL AREA OF TANK FENCE (TA)	= 809.03M²
TOTAL AREA OF DYKE (DA)	= 2466.2M²
NET STORED ENCLOSURE AREA(NA) AVAILABLE	
NDA = DA − TA	
= 2466.2M² − 809.03M²	
= 1530.04M²	
HEIGHT OF DYKE WALL (HDW) REQUIRED	
FOR H1 = NDA	
= 1921.48M² ÷ 1530.04M²	
= 0.97M	
ADD 200 MM FOR FREE BOARD,	
MAKING THE TOTAL HEIGHT OF DYKE REQUIRED = 1.17M	
PROVIDE DYKE WALL OF 1.5 M HIGH(H1)	
DYKE ENCLOSURE CAP. = NDA xH1	
= 3039.06 KL	

FOR SUFALAM INDUSTRIES LTD.

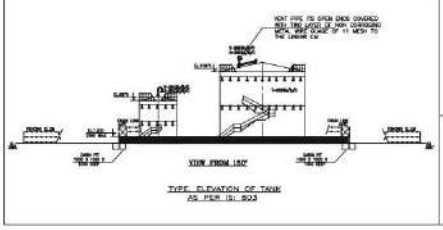
Mr. Harish Rajesh Agrawal
Signature & stamp
Designation: Director

REVISION	REV NO.	DATE	DETAILS
	0	17/05/24	RE- APPROVAL
	0	29/11/21	SUBMISSION FOR COE APPROVAL

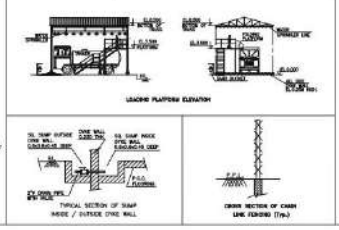
M/s. Sufalam Industries Limited

LOCATION / SITE ADDRESS PARTICULARS

PLOT NO.	: D-3 , DEORI INDUSTRIAL AREA		
VILLAGE	: DEORI	TALUKA	: DEORI
DISTRICT	: GONDIA	STATE	: MAHARASHTRA
PIN CODE	: 441901	NEAREST RLY. STN.	: GONDIA
NEAREST POLICE STN.	: MIDC DEORI POLICE STATION		
PROJECT	: PETROLEUM STORAGE INSTALLATION		
DRG. TITLE	: LAYOUT PLAN	DRG. NO.	P/SIL/NB/21/05-24
SHEET 1 OF 1	REV NO. - 0	SIZE	A1



TYPE ELEVATION OF TANK
AS PER IS: 803



LOADING PLATFORM ELEVATION

TYPICAL SECTION OF SUMP INSIDE / OUTSIDE DYKE WALL

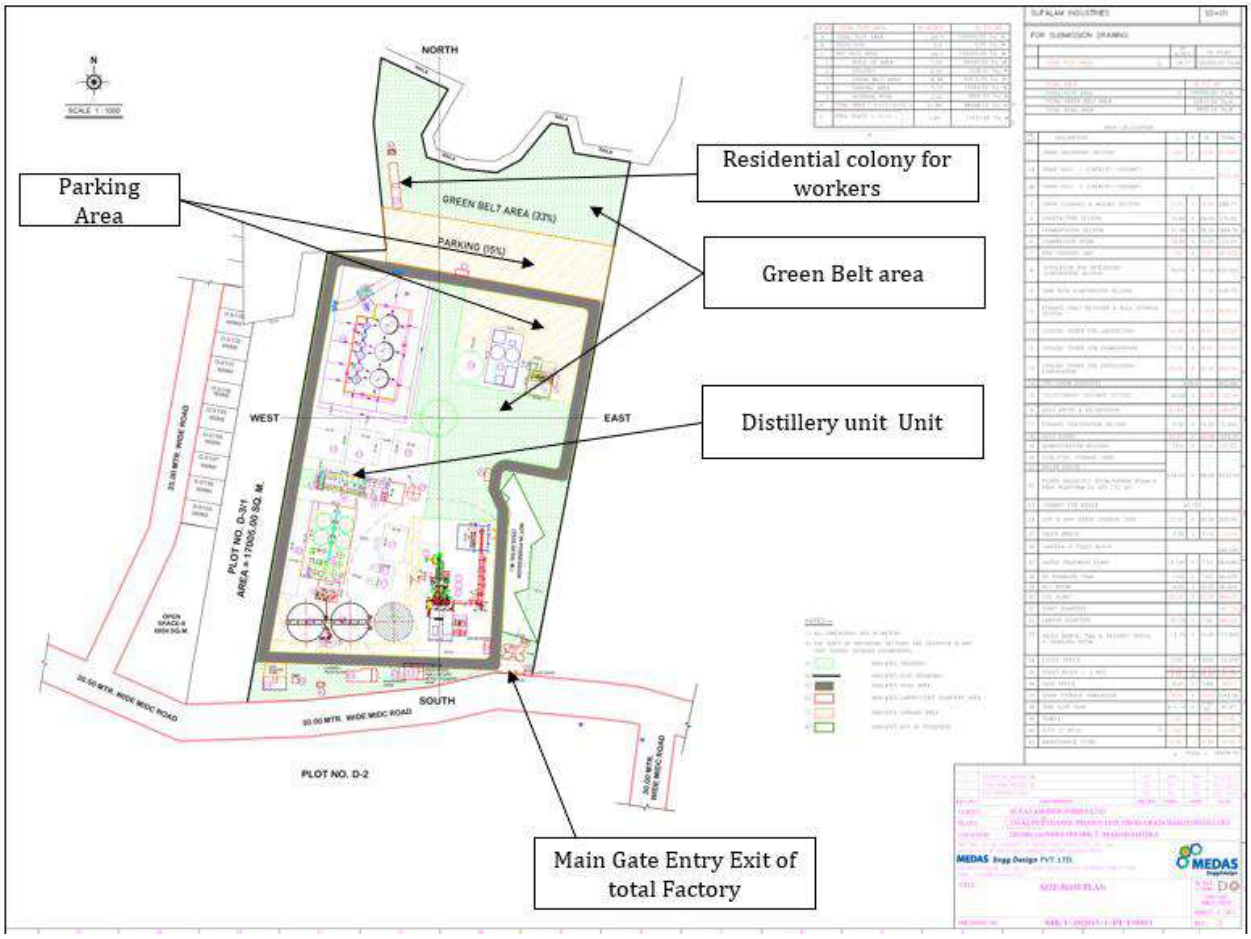
CROSS SECTION OF CHAIN LINK FENCING (Typ.)

SCHEDULE OF TNT. STORAGE TANK

TK NO.	PET. TO STORE	PET CLASS	SIZE IN MM	TANK VOLUME	STORAGE CAP. IN KL
T-2032A	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2032B	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2032C	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2033A	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
T-2033B	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
T-2033C	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
			TOTAL @ 95%		6434.37 KL

Location: West Circle [P5243151]
Date: 2024.06.28 11:42:45 +05'30'
Reason: Approved
Approved by: MOEF&CC, GOI, IA-MH-157482

Parking Layout



Advertisement in Local Newspaper

In English Newspaper



PUBLIC NOTICE

This is to inform that **Sufalam Industry Limited's,** proposed setup of **Grain Based new 210 KLPD Ethanol Distillery Unit at D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State**, has been accorded Environmental Clearance and copies of the clearance letter are available with the Maharashtra Pollution Control Board, and may also be seen on the website of the ministry at https://parivesh.nic.in/.

SPECTRUM

In Marathi Newspaper



सार्वजनिक सूचना

सुफलाम इंडस्ट्रीज लि. द्वारा सर्व सामान्याला हे कळविण्यात येते की आमच्या, D-3, MIDC, देवरी, तालुका - देवरी, जिल्हा - गोंदिया, महाराष्ट्र राज्य, येथे धान्य आधारित नवीन 210 K L P D इथेनॉल डिस्टिलरी युनिटच्या प्रस्तावित कारखानयाला **पर्यावरणीय मंजुरी प्रदान** करण्यात आली आहे आणि मंजुरी पत्राच्या प्रती **महाराष्ट्र प्रदूषण नियंत्रण मंडळा च्या कार्यालयात** उपलब्ध आहेत आणि **मंत्रालयाच्या https://parivesh.nic.in/** या वेबसाइटवर सुद्धा पाहता येईल.

Training awareness on Site of Sufalam industries









SUFALAM
Industries Ltd.

सुरक्षा और स्वास्थ्य प्रतिज्ञा

दिनांक:-04/03/2025

आज के दिन मैं सत्य निष्ठा से प्रतिज्ञा करता हूँ कि मैं पुनः अपने आपको सुरक्षा ,स्वास्थ्य एवं पर्यावरण के बचाव के प्रति समर्पित करूँगा; नियमों, विनियमों, कार्यविधियों के पालन हेतु यथाशक्ति प्रयत्न करूँगा और निश्चित रूप से इन लक्ष्यों को प्राप्त करने हेतु प्रेरणादायक अभिवृतियों एवं आदतों का विकास करूँगा

मेरी यह पूर्ण रूप से मान्यता है कि दुर्घटनाएं और व्यावसायीक बीमारियाँ ,राष्ट्रीय अर्थव्यवस्था को दुर्बल बनाती है तथा यह विकलांगता , मृत्यु एवं स्वास्थ्य के लिए हानिकारक हैं एवं संपत्ति कि क्षति सामाजिक कष्ट और पर्यावरण के निकृष्ट होने का कारण बनती है.

मैं अपने परिवार ,संगठन ,समाज राष्ट्र के हित में इन दुर्घटनाओं ,व्यवसायीक बिमारियों की रोकथाम और पर्यावरण के बचाव के लिए हर संभव प्रयत्न करूँगा .

04/03/2025

SUFALAM
Industries Ltd

SUFALAM INDUSTRIES LIMITED

PLOT NO.D3 MIDC DEORI, DIST-GONDIA

NAME OF TRAINING OFFICER Anupam Kashyap

DATE 4-3-2025 TIME 16:00 to

SR.NO	NAME OF ALL STAFF ATTENDING THE TRAINING PROGRAM	SIGN. OF S/PERSONNEL ON TRAINING	SUBJECT COVERED DURING TRAINING PROGRAM
1.	MR. Mahendra Tiwari		
2.	Mr. Sameer Desai		National Safety Day "2025"
3.	Mr. Mohit Sharma		
4.	Mr. Rajasekhar Gupta		
5.	Mr S. K. Pandey		
6.	Manoj Kumar Mishra		
7.	Bhupinder		
8.	Milind Manjare		
9.	SAMAT KUMAR		
10.	Devi Dayal Chaturvedi		
11.	Vikrant Tiwari		
12.	Sunil Bodole		
13.	Amit Yadav		
14.	Sanat Chawarsiya		
15.			
16.			
17.			
18.			

(SIGNATURE OF H.R & ADMIN)

(SIGNATURE OF TRAINER)

Date- 16/05/2025

SUFALAM Industries Ltd.

S/No.	Emp. Code	Name Of Employee	Contact No.	Signature
1	Krystal -01	Nitin Raut	7020794980	
2	Krystal-02	Devendra Tarone	9130764931	Devendra
3	Krystal- 03	Rajesh Meshram	9764874344	
4	Krytal- 04	Krunal Raut	9322419064	
5	Krystal- 05	Mangru Dibbe	9284804357	Dibbe
6	Krystal- 06	Rahul Ramteke	9689242147	Rahul
7	Krystal- 07	Uttam Khobragade	7057311646	
8	Krystal- 08	Chandrashekhar B.	9923649656	
9	SIL - 01	Ashish Shahare	9322251048	
10	SIL - 02	Sunil Badole	9850067875	
11	SIL - 03	Anil Shahare	9359810972	Anil
12	SIL - 04	Bhupendra Tandekar	7666483779	
13	SIL - 05	Mayur Raut	9356174556	
14	SIL - 06	Varsha Shahare	7798149522	
15	SIL - 07	Laxmi Jambhulkar	—	
16	SIL - 08	Sarita Dhamgaye	9370553759	
17	SIL - 09	Namita Dhamgaye	9420664689	Namita Dhamgaye
18	SIL - 10	Bharti Lendare	9637304727	
19	SIL - 11	Anju Binzlekar	9359613928	
20	SIL - 12	Arun Bhiwgade	8237514126	

Training Title — House Keeping

Trainer Name — Anupam Kashyap 16/05/2025

HR & ADMIN — Prakash 16-5-25

Date- 04/04/2025

SUFALAM Industries Ltd.

S/No.	Emp. Code	Name Of Employee	Contact No.	Signature
1	4007	Nitesh Yelme	9923963321	Nitesh
2	4077	Devi Dayal Ch.	8423903258	
3	4106	Dilesh Kumar	8054132300	
4	Casual	Dhanraj	9698947757	
5	4004	Rajesh Chouraisia	8551977888	
6	Casual	Vivek Chamate	7447687490	
7	4098	Vikrant Tiwari	8470901189	
8	4105	Sujit Nimje	9713903056	
9	4-84	Manoj Kr. Mishra	7879137952	
10	4031	Sanat Chourasiya	7988249247	
11	4023	Brijdeep Pal	9937251419	
12	4041	Vishal Chamate	9558365405	
13	4008	Gitendra Thakre	—	
14	Casual	Nikesh Ambulkar	—	
15	4043	Sanjeev Pandey	6393251277	
16	4092	Mrunal Shahare	9403583545	
17	4022	Vinay Pandey	9399290690	
18	4034	Subhash Pandey	7311106129	
19	Casual	Narendra Kale	7498102908	
20				

Training Title → Chemical Safety

Trainer Name → Anupam Kashyap - AK

HR & Admin → Khanjore

Plant Head →

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000078519	27-05-2025

PART A

Company Information

Company Name	Application UAN number
Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit By M/S. Sufalam Industries Limited	RED/L.S.I (R60) No:- Format1.0/CC/UAN No. MPCB CONSENT- 0000211870/CO/2407002382

Address

Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Plot no	Taluka	Village
D 3	Deori	Village D 3, MIDC
Capital Investment (In lakhs)	**Scale**	**City**
145.03 Crores	L.S.I	Deori
Pincode	**Person Name**	**Designation**
441901	Mr. Hardik Agrawal	Director
Telephone Number	**Fax Number**	**Email**
8600023787	0	hardik@sufalamindustries.com
Region	**Industry Category**	**Industry Type**
SRO-Bhandara	Red	R60 Distillery (molasses / grain /yeast based)
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
no	RED/L.S.I (R60) No:- Format1.0/CC/UAN No. MPCB CONSENT- 0000211870/CO/2407002382	2024-07-25
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
2027-06-30	2023	Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Distillery including Fermentation Industry - Ethanol	12390	9443.579	KL/A
Power Generation (TG set)	5	2.28	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Distillers' Dry Grain with Soluble (DDGS)	8024	5900	MT/A

CO2	9263	122	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	957.00	940.00
Cooling	1063.00	1058.00
Domestic	18.00	18.00
All others	0.00	0.00
Total	2038.00	2016.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	861	815	CMD
Domestic effluent	16	14.7	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Ethanol	0	3.5	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Liquefying Enzyme (240 KNU)	0	0.00018	Ton/Ton
Saccharifying Enzyme (750 AGU)	0	0.00061	Ton/Ton
Active Dry Yeast	0	0.00027	Ton/Ton
Urea (46% w/w N2)	0	0.00004	Ton/Ton
Caustic (Lye 40% w/w)	0	0.0053	Ton/Ton
Maize (Corn) – 60% Convertible Starch	0	1.92	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	12744	12154	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
PH- Inlet	0	3.8	NA	NA	NA
TDS- Inlet	192.34	236.0	NA	NA	NA

TSS- Inlet	0.326	0.4	NA	NA	NA
BOD- Inlet	660.15	810.0	NA	NA	NA
COD- Inlet	1426.25	1750.0	NA	NA	NA
PH- Outlet	0	6.78	NA	6.5-8.5	Within standard limit
TDS- Outlet	14.67	18	99.1428	<2100	Within standard limit
TSS- Outlet	0.32	0.4	99.6	<100	Within standard limit
BOD-Outlet	1.63	2.0	98	<100	Within standard limit
COD-Outlet	6.683	8.20	96.72	<250	Within standard limit

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
TPM-630 KVA DG set	1.15	62.1	58.6	150	Within standard limit
SO2 -630 KVA DG set	1.32	71.4	10.75	80	Within standard limit
PM- 45 TPH boiler	224.6	112.6	24.93	150	Within standard limit
SO2- 45 TPH boiler	76.62	38.4	52	80	Within standard limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
5.1 Used or spent oil	0	0.05	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
Boiler ash	0	3646.2	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
CPU sludge	0	11.5	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.05	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.05	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
CPU sludge	11.5	MT/A	NA
Bolier Ash	3646.2	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Recycling of condensate recycle after CPU treatment	600	0	0	0	150	15

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Operation and Maintenance of STP and CPU	Reduction of water pollution	25.00
Maintenance of Green belt	Reduce of air , noise and soil pollution	5.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Additional green belt	Reduce of air , noise and soil pollution	5.00

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Mr. Hardik Agrawal, Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000078519

Submitted On:

27-05-2025

SUFALAM
Industries Ltd.

Date: 03/07/2024

To,
The Additional Director(s),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra- 440001

Subject: Submission of Environmental Clearance compliance Report (January 2024 to June 2024) for Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State by M/S. Sufalam Industries Limited

Reference: 1. Environment Clearance from MoEF vide F. N. IA-J-11011/528/2021-IA- II (I) dated 25th February 2022
2.Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Respected Sir,

With reference to the above subject, we are submitting the current Status of our project, monitoring reports, data sheet and point wise compliance status to various stipulation laid down by the Ministry of Environment and Forest in its clearance letter No. F. N. IA-J-11011/528/2021-IA- II (I) 25th February 2022 & Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For **M/s. Sufalam Industries Limited**

Authorized Signatory.

SUFALAM INDUSTRIES LIMITED

Encl.:
Part A: Data Sheet
Part B: Current Status of Construction Work
Part C: Point wise compliance status
Part D: Annexures

Environmental Clearance Compliance Status Report

(January 2024 to June 2024)

For

Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit

By

M/S. Sufalam Industries Limited.

At

Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Applicant

M/S. Sufalam Industries Limited

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Part A Data Sheet 3

Part B Construction Status of Project 7

Part C – Ethanol Distillery Unit Environment Clearance Compliance Report...8

Part D- Annexures 14

Part A Data Sheet

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forest and Climate Change

Western Region, Regional Office, Nagpur

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	**Industry**
2.	Name of the project		:	**M/s Sufalam Industries Limited**
3.	Clearance letter (s) / OM No. and Date		:	Proposed Setup of New Grain Based 210 KLPD Ethanol Distillery Unit
4.	Location		:	
	a.	District (S)	:	Gondia
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude: 21° 3'52.58"N Longitude: 80°22'58.55"E
5.	Address for correspondence			
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
6.	Salient features			
	a.	of the project	:	It is a Proposed Establishment of New Grain Based 210 KLPD Ethanol Distillery Unit
	b.	of the environmental management plans	:	**1. Pollution control plan:** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operation yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operation yet. 3] CO2 Recovery Unit work in process. **a.** Effluent stream will be treated through Condensate Polishing Unit. CPU is work in process. **b. Rain water harvesting:** Rain water harvesting plan is prepared based on CPCB guidelines. **c. Green belt development:** Area under plantation is 8.38acre. (33,915 Sq.m.) i.e. 33 % of total net plot area. Precautions are being taken, and no tree cutting is in plan.
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-Forest area. (MIDC Deori)

	b.	Others	:	Area under development: 100000 Sq.m.(Total Project Area) Green Belt Area 8.38 (33,915 Sq.m) ha (~33 %)
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land &landless labourers /artisan		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out or only provisional figures, it a Survey is carried out give details and years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	**Total Project cost: 146.50 crores**
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Costing enmarked for (Environmental Management Plan (EMP)) will be Total set up Cost: 2335 Lakh O & M cost: 169.5 Lakh/annum (Yet to be started)
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	During operational Phase: Total set up Cost: 1050 Lakh/Annum O & M cost: 70 Lakh/Annum

<table>
<tr><td></td><td>f.</td><td>Actual expenditure incurred on the environmental management plans so far</td><td>:</td><td></td></tr>
<tr><td>10.</td><td colspan="2">Forest land requirement</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>a.</td><td>The status of approval for diversion of forest land for non-forestry use</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>b.</td><td>The status of clearing felling</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>c.</td><td>The status of compensatory afforestation, it any</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>d.</td><td>Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far</td><td>:</td><td>Not Applicable</td></tr>
<tr><td>11.</td><td colspan="2">The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information</td><td>:</td><td>Not applicable</td></tr>
<tr><td>12.</td><td colspan="2">Status of construction</td><td></td><td>
<table>
<tr><th>Sr. No</th><th>Building Name & number</th><th>Status as on June 2024</th></tr>
<tr><td>1</td><td>Fermentation Section</td><td>Work in process.</td></tr>
<tr><td>2</td><td>Distillation Section</td><td>Work completed.</td></tr>
<tr><td>3</td><td>Receiver & Storage Section</td><td>Work completed.</td></tr>
<tr><td>6</td><td>Green Belt Development</td><td>33 % of green belt development has is in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.</td></tr>
</table>
</td></tr>
</table>

				7	Boiler, Stack with online monitoring system & ESP	1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operational yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operational yet. 3] CO2 Recovery Unit work in process 4]Online monitoring system will be installed.	
	a.	Date of commencement (Actual and/or planned)	:	Proposed Establishment of 210 KLD: April 2022			
	b.	Date of completion (Actual and/or planned)	:	30th September 2024			
13.	Reasons for the delay if the Project is yet to start		:	Not applicable			
14	Dates of site visits						
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	RO site visit report letter vide no. EC-2221IRON/2023-NGP-12240 dated 27/09/2023.			
	b.	Date of site visit for this monitoring report	:	27/09/2023			
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)		:	Not Applicable			
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)		:	Agreed			

Part B Construction Status of Project

Sr. No.	Unit	Status as on June 2024	Status of the Environmental Management Facilities
1	Fermentation Section	Work completed	a. **Green Belt:** 33 % of green belt development has is in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years. **b. Stack with online monitoring system** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operational yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operational yet. 3] CO2 Recovery Unit work in process 4]Online monitoring system will be installed.
2	Distillation Section	Work completed	
3	Receiver & Storage Section	Work completed	

Environment Clearance Compliance Report

Project Name: Proposed Establishment of new grain based 210 KLPD Ethanol Distillery at Village D 3, MIDC, Deori, Taluka - Deori, District -Gondia, State -Maharashtra

Period of Compliance: January 2024 to June 2024

Ref: EC vide letter No.:

1] Ethanol Distillery unit F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022

2] Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Point wise compliance of conditions stipulated in Ethanol distillery EC vide letter no. F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022 are given as under: -

Sr. No	EC Conditions	Compliance
A. Specific conditions		
i.	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Agreed & we herewith assure that 210 KLPD shall be only be used for fuel ethanol manufacturing
ii.	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.	Agreed.
iii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.	Noted. We will comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. Solar Panel shall be installed once plant is in operation.

iv.	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	• The spent wash slop will be generated subjected to decantation & thin slop followed by (MEE) to DDGS • CPU of capacity 1300 m3/day to treat process condensate • There will be no disposal of waste water on land.
v.	Total fresh water requirement shall not exceed 3.5 KL fresh water consumed/KL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption	CGWA NOC permission vid e no. CGWA/NOC/IND/ORIG/2023/18452 dated 08/05/2023 is obtained for water requirement 477 CMD attached as **Annexure 2**
vi.	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.	As per MoEF&CC guidelines, "Zero Discharge" is mandatory for distillery project. Spent wash slop is main liquid waste generated from distillery. Spent Wash Slops will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS.
vii.	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Agreed.
viii.	PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	We have allocated Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health and same will be undertaken once plant is operational.
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals	Project is not operational; we will provide the training to the staff once project is

	handling. Safety and visual reality training shall be provided to employees.	operational.
x.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained	Noted. PESO certificate is attached as **Annexure 4**
xi.	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Noted.
xii.	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	We have undertaken waste minimization measures as below: - a) Yest & CPU sludge After drying, it will be sold to brick manufacturer. Non-Biodegradable waste is Manually collected and sold to scrap vendors & biodegradable waste is Used as manure. b) DDGS will be provide Cattle feed, food for poultry purpose c) Automated filling to minimize spillage will be followed d) Venting equipment through vapor recovery system is in place. e) We will use high-pressure hoses for equipment clearing to reduce wastewater generation.
xiii.	The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.	Agreed. 33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.
xiv.	PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District	The capital cost of the proposed establishment project is Rs. 146.50 Crores. The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per Office Memorandum Vide F. No. 22-

	Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.	65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
xv.	There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.	15.09 % of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products, parking layout is attached as **Annexure 5**
xvi.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Agreed
xvii.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous online (24x7) monitoring system for stack emissions installation is in progress.
xviii.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) carry out the Environmental Management is provided as mentioned EMP submitted during meeting.
B. General Condition		
i.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed and no further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.

ii.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	The low energy consumption light source i.e., LED Lamps are provided for illumination. The same practice shall be continued.
iii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The acoustic measures, silencer pads etc are provided. Regular maintenance of all the noise generating equipment is done from time to time. Adequate greenbelt is provided to reduce the ambient noise levels. Periodic monitoring of Ambient noise levels is done by NABL/MoEF&CC Accredited laboratories are done the records are maintained. The noise monitoring reports are enclosed as **Annexure 3.**
iv.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The capital cost of the proposed establishment project is Rs. 146.50 Crores. The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
V.	• The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	• Agreed. • The funds earmarked for environmental protection measures are kept in a separate account and never spend on other purposes. • We are submitting herewith funds allocated for Environmental Management Plan (EMP). • Total set up Cost: 2335 Lakh • O & M cost: 169.5 Lakh/annum
vi.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Copy of EC has been submitted MPCB.
vii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance	Noted. We will submit the same regularly to the respective Regional Office of MoEF&CC, the respective Zonal Office of

	conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	CPCB and SPCB.
viii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	We will submit the environmental statement report for each financial year after obtaining Consent to Operate to the Maharashtra pollution control board as prescribed under the environment protection rules 1986, as amended subsequently. Website is under maintenance; it will be uploaded once it is functional.
ix.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The advertisement had been published in local English & Marathi newspaper. Advertisement copy is attached as **Annexure 6.**
x.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed.
xi.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed.

Part E Annexures

Annexure 1- Environment Clearance Certificate Distillery Unit

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Director
SUFALAM INDUSTRIES LIMITED
Navrang, Vasudev, Vrindavan,Jamtha,Nagpur,Maharashtra-441122

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/246505/2021 dated 06 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A060MH144844**
2.	**File No.**	IA-J-11011/528/2021-IA-II(I)
3.	**Project Type**	New
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	5g(a)-Grain Based distilleries for Ethanol Blended Petrol
6.	**Name of Project**	Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/S. Sufalam Industries Limited .
7.	**Name of Company/Organization**	SUFALAM INDUSTRIES LIMITED
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 25/02/2022

(e-signed)
A.K Pateshwary
Director
IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.

3. All grain based distilleries producing ethanol, solely to be used for Ethanol Blended Petrol Programme of the Government of India are listed at S.N. 5(ga) of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 amendment vide S.O 2339 dated 16th June 2021 under category 'B-2' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal is exempted from obtaining ToR & conducting Public Hearing as per EIA notification, 2006 amendment vide S.O 2339 dated 16th June 2021. It was informed that no litigation is pending against the project.

5. The details of products and capacity are as under: -

Description	**Unit**	**Total**
Distillery Unit	**KLPD**	**210**
Anhydrous Alcohol (Fuel Ethanol)	KLPD	210
Impure Spirit	KLPD	6.6
Fusel Oil	KLPD	2.0
By Product		
CO2	TPD	157
Distillers' Dry Grain with Soluble (DDGS)	TPD	136
Power Generation (TG set)	MW	5

6. Total project area is 100000 m^2 (24.71 acre). Industry will develop greenbelt in an area of 33.9 % i.e., 33,915 m2 (8.38 acre) out of net plot area of the project.

7. The estimated project cost is Rs 146.50 Crore. Total capital cost earmarked towards environmental pollution control measures proposed unit will be Rs 24.35 Crores and the Recurring cost (operation and maintenance) will be about Rs 1.66 Crores per annum. Total Employment for proposed unit will be 230 (Construction phase 150 Nos & operation phase 80 Nos) persons as direct & 500-1000 persons indirect employment. Industry proposes to allocate Rs 2.19 crores towards Corporate Environment Responsibility.

8. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body satbahini river flowing at a distance of approx 2.87 Km in west direction & Bagh river at a distance of approx 5.98 Km in north direction.

9. Total water requirement is 2198 m^3/day of which fresh water requirement of 886 m^3/day will be met from Nagar Panchayat Deori. Effluent of quantity 2140 m3/d (Spent wash slop 861 + Spent lees 210 + MEE Process Condensate 577 + Dryer condensate 272 + Boiler Blow down 32 + Cooling tower blow down 123 + Washing 65). Spent Wash Slops (approx. 7.36 % w/w solids) will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS and Process condensate along with blow down will be treated in Condensate Polishing Unit. The plant will be based on Zero Liquid discharge system.

10. Power requirement will be 4.5 MW including which will be met from 5 MW Turbine Generator set connected to 45 TPH boiler. Additionally 2 No of 500 kVA DG sets will be used as standby during power failure. Stack (height 5m.) will be provided as per CPCB norms to the proposed DG sets. Grain based distillery unit proposed to install coal/ rice husk fired boiler of capacity 45 TPH. Electrostatic precipitator (ESP) with a stack of height of 60 m will be installed to proposed 45 TPH boiler for controlling the particulate emissions within the statutory limit of 150 mg/Nm3 for the proposed boilers.

11. Details of Process emissions generation and its management:

Sr. No	Source	Fuel	Pollutant	Control Equipment
1	1 No of 45 TPH boiler	Coal or Rice Husk	PM, SO2 & NOx	60 m stack height and ESP as APC Equipment shall be provided

Sr. No	Source	Fuel	Pollutant	Control Equipment
2	D. G. Sets 2 Nos of 500 kVA	HSD	PM & SO2	5m Stack Height shall be provided
3	Fermentation Unit	--	CO2	CO2 Recovery Unit

12. Details of Solid waste/Hazardous waste generation and its management:

Solid Waste Management

Sr. No.	Description of waste		UOM	Quantity	Treatment	Mode of collection and disposal
1	Yeast sludge		Kg/D	400	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
2	CPU sludge		Kg/D	200	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
3	Boiler ash	Coal as fuel	MT/day	65	Will be sold to brick manufacturer	Will be sold to brick manufacturer
		Rice husk as fuel		56		
Municipal Solid waste from Operational (80 No) workers						
1	Non-Biodegradable		Kg/D	12	--	Manually collected and sold to scrap vendors
2	Bio-degradable		Kg/D	8	Composting	Used as manure

Municipal Solid waste from Residential colony (20 Family 100 persons)					
1	Non-Biodegradable	Kg/D	20	--	Manually collected and sold to scrap vendors
2	Bio-degradable	Kg/D	30	Composting	Used as manure

Hazardous Waste Management

Sr. No.	Description of waste	Category	UOM	Quantity	Mode of collection and disposal
1	Spent oil	5.1	MT/A	1	Used in own boiler as fuel

13. As per OM dated 16th June, 2021, PP has submitted self-certification in the form of affidavit declaring that the proposed capacity of 210 KLPD will be for manufacturing of fuel ethanol only.

14. During the deliberations, EAC directed PP to submit an undertaking for the following commitments/information:

a) Fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol.
b) Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.
c) Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.
d) The proposed budget towards CER be increased to Rs. 2.50 Crores The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.
e) PP shall allocate Rs. 50 Lakhs per annum Fund for occupational health and safety.

PP has submitted the desired commitments/information sought above in the form of undertaking except for points (a) & (e) which are being imposed as specific conditions.

15. The proposal was considered by the EAC in its 49th meeting held during 27th- 28th January, 2022 in the Ministry, wherein the project proponent and their consultant M/s Ampl Environ Pvt. Ltd presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance.

16. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

17. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

18. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby **accords** environmental clearance to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited, under the

provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -

A. Specific Conditions:

(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

(ii) EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.

(iii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.

(iv) The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.

(v) Total fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.

(vi) The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.

(vii) CO_2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.

(viii) PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(ix) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.

(x) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.

(xi) Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xiii) The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.

(xiv) PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.

(xv) There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.

(xvi) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(xvii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(xviii) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions

stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

20. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

21. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

22. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

23. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

24. This issues with the approval of the competent authority.

(Ashok Kumar Pateshwary)
Director

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

(Ashok Kumar Pateshwary)
Director
E-mail: ak.pateshwary@gov.in
Tel. No. 24695290

Letter regarding project not falling under ESZ

File No IA- J-11011/528/2021-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-110 003

Dated: 27th December, 2023

To

Shri Hardik Agrawal (Director),
M/s. Sufalam Industries Limited
Navrang, Vasudev, Vrindavan,
Jamtha, Nagpur (Rural), Maharashtra-441122.

Sub: Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited - Environment Clearance reg.

Sir,

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above-mentioned project. Based on the proposal submitted by PP and the recommendations of the EAC (Industry-II), the Ministry has granted environmental clearance to the project (EC ID EC22A060MH144844 dated 25.02.2022).

2. Subsequently, the Ministry received a complaint from Shri. S.S. Patil, a resident of Solapur, Maharashtra, alleging that the M/s. Ampl Environ Pvt. Ltd. (the consultant) provided inaccurate information by stating that there are no eco-sensitive regions within a 10 km radius of the project site whereas the entire 'Deori' village, where the proposed distillery site is located, falls within the Ministry's ESZ Notification dated 25.02.2016, covering Nagzira WLS, New Nagzira WLS, Koka WLS, Navegaon WLS, and Navegaon NP.

3. Based on complaint received and after due examination, Ministry issued a Show Cause Notice (SCN) to M/s. Sufalam Industries Limited vide letter dated 26.05.2023 under para 8 (vi) of the EIA Notification of 2006 read with Section 5 of the Environment (Protection) Act, 1986 for concealment of factual information, as the project site falls within the New Nagzira and Koka Eco Sensitive Zone (ESZ) notified on 25.02.2016.

4. In response to the SCN, the project proponent, through letter dated 22.06.2023, acknowledged that during the EC application, the distance from the national park and wildlife sanctuary was measured from the buffer area

boundary. However, the distance from the eco-sensitive zone (ESZ) was not measured due to ambiguity surrounding the ESZ area and it was realized later that the activity is not permitted as per the ESZ Notification, and there was no deliberate attempt to conceal information or misguide the authorities. The PP has also stated that construction or erection of the distillery unit was not commenced after the realization that the project site is located within the ESZ. The PP has also informed that, as per the draft ESZ notification SO 876 (E) dated 24.02.2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navagaon Wildlife Sanctuary, and Navegaon National Park in Gondia and Bhandara Districts in Maharashtra. Considering the aforementioned facts, the industry requested that no legal action be taken against their proposed distillery unit with a request for personal hearing before any adverse action is taken.

5. Opportunity for Personal Hearing was given as per request of PP which was held on 09.08.2023 at 10:30 AM. During the personal hearing PP admitted that Industry was located within the area included in the ESZ Notification dated 25.02.2016 and there was no deliberate attempt to conceal information or misguide the Authorities and requested not to revoke the EC as no construction had been started and as per draft ESZ notification SO 876 (E) dated 24.02.2023, the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ).

6. The matter has been examined in Ministry and it is found that the project site falls outside draft ESZ notification SO 876 (E) dated 24.02.2023. The draft ESZ got finalized vide S.O. 4132(E) dated 20.09.2023 and as per the final notification the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park.

7. Further, the proposed site was inspected by Regional Office on 26.09.2023 and RO has submitted the factual report of the site vide letter EC-2221IRON/2023-NGP-12240 dated 27.09.2023 wherein it was reported, along with some observations, that the site is vacant open land and no activity had been carried out at the site.

8. Subsequently, the matter was considered in EAC (Ind-II) held on 04th – 05th October, 2023 wherein PP has submitted compliance to observations made in inspection report, budgetary allocation of EMP, revised ecological profile of the proposed site. Details are enclosed as Annexure. The Committee was satisfied with the information furnished by the Project Proponent. After detailed deliberations the Committee stipulated the following additional specific conditions as safeguard measures:

(i) The project proponent shall prepare a site-specific conservation plan and wildlife management plan for Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.

(ii) ESP along with stack height of 60 m shall be provided to bagasse/coal fired boilers to meet the particulate matter emissions within the statutory limit of 30 mg/Nm3.The SO2 and NOx emissions shall be within the prescribed norms of 100mg/Nm3 At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.

(iii) 6 feet high compound wall and 2 feet barbed wire fencing above compound wall along nala boundary shall be provided and 10 m thick plantation buffer from compound wall towards nala shall be created. PP shall ensure that no wastewater/treated water and solid waste is discharged into the nallah.

(iv) As proposed, 5 m thick plantation buffer from compound wall towards dilapidated school building of Z.P Gondia.

(v) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.

(vi) PP shall sensitize and create awareness amongst the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

9. The MoEF&CC has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification,

2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee, hereby withdraws the SCN issued vide letter dated 26.05.2023 and further stipulates above additional conditions in EC ID EC22A060MH144844 dated 25.02.2022. All other terms & conditions stipulated vide EC ID EC22A060MH144844 dated 25.02.2022 for granted for proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited remain unchanged.

10. This issues with the approval of the competent authority.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'
E-mail: vk.hatwal@gov.in

Annexure

S. No.	Points raised by IRO in his report	Compliance by PP
1	PP informed that the site does not fall under the ESZ, however, PP has not submitted any map in this regard.	As per the ESZ notification S.O. 4132(E) dated 20/09/2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park. Project site is located approx. at 0.44 km from ESZ boundary. Map showing distance of project site to the ESZ boundary has been submitted.
2	School building at about 213 m on Westen side of the site	School building is present at 213 m on the western side of the site which belongs to Deori Nagar Parishad and same is not in use from the year 2015. The building itself is in dilapidated state. PP has submitted Photographs of school.
3	Nalla is flowing adjoining the North- West corner of the site flowing from west to eastern direction.	NOC for the establishment of proposed 210 KLD distillery is received from Executive Engineer, Gondia Irrigation Division & same is submitted.
4	Wildlife Schedule -I species data may be obtained from the Wildlife Division of the Ministry.	PP has prepared conservation plan for schedule I species as per the list shared by the DFO, Gondia and the same is submitted to DFO, Gondia for approval. Fund earmarked towards Conservation of Schedule – I species is considered in revised EMP. **Brief Conservation Plan:** An integrated forest and wildlife conservation plan for Sufalam Industries Limited encloses the methods employed by the organization to safeguard the forests and wildlife in Gondia district with special attention on the closely located Navegaon National Park. The

		conservation plan focuses on the protection of the predominant forest types and listed umbrella species of the region. Conservation of wildlife and forests in the region shall be a continuous process evolving with each new findings of the monitoring process and will be constantly upgraded based on the observations of experts and all stakeholders.

Budgetary allocation for Environment Management Plan:

S. No.	COMPONENT	PARTICULARS		CAPITAL INVESTMENT (IN LAKHS)	RECURRING INVESTMENT (IN LAKHS)
1.	Air	Construction of new stack for boiler and ESP		250	20
2.	Water	• Construction distillery CPU • MEE & spray dryer for Distillery		1600	100
3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc		30	2
4.	Environment monitoring and Management	Quarterly Environment Monitoring (Per Year)		--	10
		Ambient air monitoring	PM_{10}, $PM_{2.5}$, SO_2, NOx		
		Boiler & DG Set Monitoring	TPM, SO_2, NOx		
		Effluent (Treated &Untreated)	pH, COD, BOD, TSS, TDS, Oil & Grease		

5.	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)	80	15
6.	Greenbelt	Green belt development activity	10	3
		Maintenance of green belt	--	3
7.	Biodiversity	Conservation of Schedule I species	00	3.5
8.	Solid Waste Management	Solid Waste Management	50	7
9.	Rain water harvesting	Rain water harvesting	15	2
10	Energy Conservation measures	Solar PV panel, Solar street light, High efficiency pump for CPU	400	4
		TOTAL COST (INR, LAKHS)	**2435**	**169.5**

Revised distances of ESZ, forest areas and water bodies:

Features	**Description**	**Direction w.r.t. site**
Nearest Reserved Forests	Reserved Forest near Parastola ~2.4Km	S
	Reserved Forest near Deori~2.2 Km	W
	Reserved Forest near Nawatola~ 0.2 Km	N
State boundary	Maharashtra- Chhattisgarh State boundary~6.92 Km	E

Nearest National Park/Wildlife Sanctuary	**Approximate distance as per Ministry S.O 4132. (E) dated 20/09/2023**	**From ESZ**	**Heading in Degrees**

	Nagzira Wildlife sanctuary	0.44	168.50
	New Nagzira Wildlife sanctuary	0.4	168.50
	Koka Wildlife sactuary	0.44	168.50
	Navegaon Wildlife sanctuary	0.44	168.50
Forest	Malewada Forest Range~ 12.75 Km		
Nearest Defence installation	None within 10 km radius of the project		
Nearest CRZ	None within 10 km radius of the project		

Annexure 2- CGWA NOC

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Sufalam Industries Limited		
Project Address:	D-3, Midc Deori,, Tehsil Deori, District Gondia, Maharshtra		
Town:	Deori (ct)	Block:	Deori
District:	Gondia	State:	Maharashtra
Pin Code:			
Communication Address:	Plot D-3, Midc, Deori,, Taluka Deori, District- Gondia,, State Maharashtra, Deori, Gondia, Maharashtra - 441901		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	**NOC No.:**	CGWA/NOC/IND/ORIG/2023/18452	2.	**Date of Issuence**	08/05/2023		
3.	Application No.:	21-4/7893/MH/IND/2022	4.	Category: (GWRE 2020)	Safe		
5.	Project Status:	New Project	6.	NOC Type:	New		
7.	**Valid from:**	12/01/2023	8.	**Valid up to:**	11/01/2026		
9.	Ground Water Abstraction Permitted:						

Fresh Water		Saline Water		Dewatering		Total	
m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year
477.00	157410.00						

10. Details of ground water abstraction /Dewatering structures

	Total Existing No.:0						Total Proposed No.:7					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	1	0	6	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11.	Ground Water Abstraction/Restoration Charges paid (Rs.):	314820.00		
12.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism	
			Manual	DWLR**	DWLR With Telemetry
	**DWLR - Digital Water Level Recorder	1	0	1	0

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
https://cgwa-noc.gov.in

Application No,:	21-4/7893/MH/IND/2022		
Name of Firm:	SUFALAM INDUSTRIES LIMITED		
AppType Category:	*Distilleries*		
Application Type:	*Industrial*		
PAN/GSTIN No. of Firm/Individual:		/	

SN	Description	Amount (Rs.)
1.	Application Processing Fee	10000.00
2.	Ground Water Abstraction /Restoration charges	314820.00
3.	Environmental Compensation Charges (ECRGW) *(Date From to) Days-*	
4.	Penalty for non-Compliance of NOC conditions *Condition to be mentioned*	
	Rs. Rupees Three Lakh Twenty Four Thousand Eight Hundred Twenty Only	**324820.00**

This is an system generated invoice, hence, does not require ink signed.

Term and conditions:

i. All disputes are subject to Delhi Jurisdiction.
ii. Any complaint in regard to the rateswill not be entertained

Member-Secretary
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY

Annexure 3 Ambient Air Monitoring Report

Ambient air monitoring report.

EHS MATRIX
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2024/June/R-568**	**Issue Date**	**18/06/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Air	**Sample Description**	Ambient Air
Date of Sampling	08/06/2024	**Sampling duration**	1440 Min
Sampling Location	**Near Main Gate (A1)**	**Sampling Procedure**	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	30°C	**Wet bulb temperature**	26°C
Relative Humidity	70 %	**Sampling done by**	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	11/06/2024	**End Date of Analysis**	17/06/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO_2)	23.0	µg/m³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO_2)	31.0	µg/m³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	72.4	µg/m³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter $PM_{2.5}$	35.0	µg/m³	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m³	≤ 04	
6	Ozone(O_3)	20.0	µg/m³	≤ 180	
7	Lead (Pb)	BDL	µg/m³	≤ 01	
8	Arsenic(As)	BDL	ng/m³	≤ 06	
9	Nickel(Ni)	BDL	ng/m³	≤ 20	
10	Ammonia(NH_3)	BDL	µg/m³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m³	≤ 1.0	
12	Benzene(C_6H_6)	BDL	µg/m³	≤ 05	IS 5182 (Part 11)

Remark- All above results are within National Ambient Air Quality standards.
BDL – Below Detectable Limit.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Page 01 of 01

Annexure 4 Noise Monitoring Report

Noise Monitoring report

EHS MATRIX
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2021/June/R-569**	**Issue Date**	**18/06/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Noise	**Sample Description**	Ambient Noise
Date of Sampling	08/06/2024	**Sampling duration**	Spot Time
Sampling done by	EHS Matrix Pvt. Ltd., Pune.		

Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A)	Method
1.	**Near Main Gate (N1)**	65.0	54.0	75/70	CPCB Guideline

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Page 01 of 01

Annexure 5 Soil Analysis Report

Soil analysis report

EHS MATRIX
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT			
Report No:	**EHSM/2024/June/R-570**	**Issue Date**	**18/06/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Soil	**Sample Description**	S1
Date of Sampling	08/06/2024	**Sampling Time**	11.00 AM
Sampling Location	**Project Site**	**Sampling Procedure**	--
Sampling done by	EHS Matrix Pvt Ltd, Pune	**Sample Quantity**	02 Kg
Start Date of Analysis	11/06/2024	**End Date of Analysis**	17/06/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	34	%	
	b) Silt	23	%	
	c) Clay	43	%	
2	pH at 25^{0}C	7.55	--	IS 2720(Part 26) 1987
3	EC at 25^{0}C	378	µS/cm	IS 14767 : 2000
4	Moisture Content	9.0	%	Manual Of Soil Testing
5	Organic Matter	1.3	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	0.66	meq/100g	Manual Of Soil Testing
7	Bulk Density	1.2	g/cm^3	Manual of Soil Testing
8	Available Phosphorus	32.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	170.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	50.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	48.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	25.0	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	1.2	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	<1.0	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	4.4	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	34.0	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	44.0	mg/Kg	Manual of Soil Testing

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Page 01 of 01

Annexure 4 PESO certificate & Layout

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)

E-mail : jtccemumbai@explosives.gov.in
Phone/Fax No : 022 - 27575946,27573881

संख्या /No : **A/P/WC/MH/15/7482 (P524316)**

दिनांक /Dated : **28/06/2024**

सेवा में /To,

M/s. Sufalam Industries Ltd.
Apt.No.701/2,7th Floor,B-Wing,Block No.B-3,Devaki,,
Jamtha Tal.Nagpur
Jamtha,
Taluka: Nagpur (Rural),
District: NAGPUR
State: Maharashtra
PIN: 441122

विषय /Sub : **Plot No,** D-3, **Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** में प्रस्तावित पेट्रोलियम वर्ग **A** अधिष्ठापन - पूर्वानुमोदन के अधिक्रमण के संदर्भ में ।
Proposed Petroleum Class **A** Installation at **Plot No,** D-3, **Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** Regarding in supersession of prior approval

महोदय
/Sir(s),

कृपया आपके पत्र संख्या **OIN1702471** दिनांक **27/06/2024** का संदर्भ ग्रहण करें ।
Please refer to your letter No. **OIN1702471** dated **27/06/2024**

अनुमोदित किया जाता है तथा प्रत्येक अरेखण की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।
The Drawing(s) nos. **P/SIL/N6/21/05-24** dated **17/05/2024**, **P/SIL/N6/21/05-24** dated **17/05/2024** , showing the site and layout etc. of the above installation is/are approved in **supersession** of old Drawings and a copy (of each) of the same is returned herewith duly endorsed in token of approval.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें ।
The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

Conditions of the Approval:-
Sortest inter distance between storage vessel (periphery) to the firewater tank and pump house shall be incorporated in the site plan. 2.foundation details of the storage tank shall be incorporated in layout plan .3. QRA report along with closure report shall be submitted at the time of grant of lic .4. The provision of earthing to be provided at the tanker loading/unloading. 5. LoI from an authorized supplier to be furnished.

1. प्ररूप IX(संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
   An Application in Form IX (enclosed) duly filled in and signed.
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुज्ञप्ति शुल्क रू **50000**/- (प्रति वर्ष – अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
   A license fee of Rs. **50000**/- (per year - maximum upto 10 years)to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी इंक करेक्शन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।
   Four copies of the approved plans.
4. इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्टैंप सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्ररूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
   Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person.
5. पेट्रोलियम नियम, 2002 के नियम 144 के तहत निर्धारित प्रपत्र के अनुसार जिला प्राधिकरण (एलएसडीए) मॉड्यूल के लाइसेंसिंग सिस्टम के माध्यम से जारी किया गया अनापत्ति प्रमाण पत्र, उनके हस्ताक्षर और मुहर के साथ पृष्ठांकित अरेखण /प्लान की प्रति के साथ ही । पुआरएल : https://lsda.peso.gov.in/LSDAOnline/Login.aspx के माध्यम से ऑनलाइन एनओसी आवेदन, ई-फाइलिंग किया जा सकता है।
   No objection certificate issued under Rule 144 of the Petroleum Rules, 2002 as per prescribed proforma by the District Authority through Licensing System for District Authority (LSDA) module only together with a copy of drawings/plans endorsed with his sign and seal. Online NOC application eFiling may be accessed through URL : https://lsda.peso.gov.in/LSDAOnline/Login.aspx
6. इस कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों)के नमूना हस्ताक्षर।
   Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation**with a copy to Controller of Explosives, WARDHA , WARDHA**.

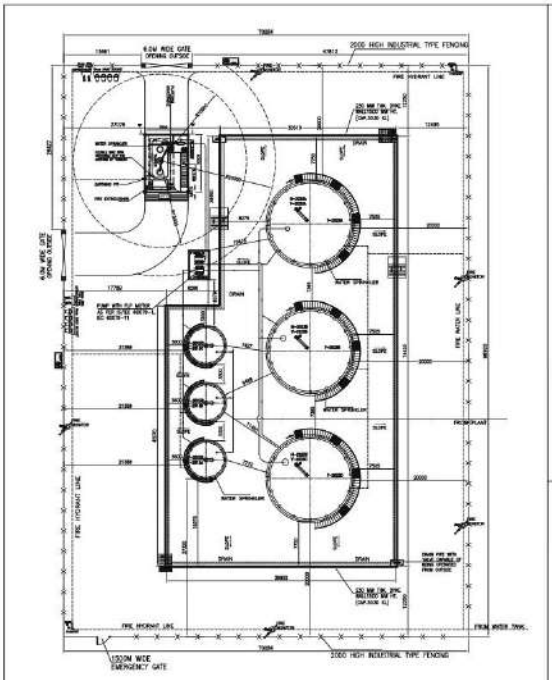
जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के सॉलवेन्ट, रैफिनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।
Please follow the requirement/provision of " Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।
This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

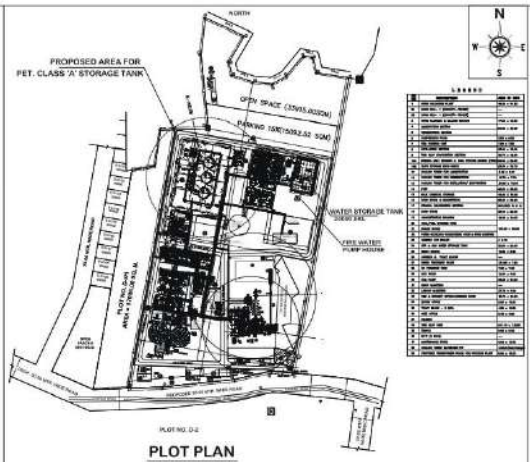
भवदीय /Yours faithfully,

((अमित कुमार)
(Amit Kumar))
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

Note:-This is system generated document does not require signature.
(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)



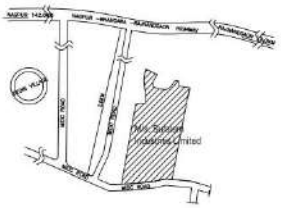
ABOVE GROUND STORAGE TANK
INSTALLATION LAY-OUT DETAIL PLAN



PLOT PLAN

GENERAL NOTES :
(For Bulk Petroleum Storage Installations)

1. ALL PIPES PASSING UNDER ROADS SHALL BE ENCASED IN HUME PIPE SLEEVES OF ADEQUATE DIA
2. BARE PIPES, IF BURIED, SHALL BE WRAPPED AND COATED AS PER IS 10221 TO PROTECT AGAINST CORROSION
3. ALL PIPES SHALL BE BUTT WELDED OR SOCKET WELDED (FOR SIZES 40MB & BELOW) EXCEPT FOR EQUIPMENT/VALVES CONNECTIONS.
4. PIPES LAID ABOVE GROUND OR IN TRENCHES SHALL BE SUPPORTED AT SUITABLE INTERVAL AS PER STANDARD PRACTICE
5. NO OVERHEAD OR UNDERGROUND POWER CABLE SHALL PASS THROUGH THE TANK FARM AREA.
6. ADEQUATE FIRE EXTINGUISHERS SHALL BE PROVIDED IN THE TANK FARM AREA
7. THE FLOOR OF TANK FARM AREA INSIDE DYKE WALL SHALL BE OF CEMENT CONCRETE (PUCCA) CONSTRUCTION & SLOPING TOWARDS OIL SUMP PIT. REF. COND. 3(I) TO 3(II) OF LICENCE IN FORM XV
8. THE OUTLET OF SUMP PIT IS PROVIDED WITH ISOLATION VALVE CAPABLE OF BEING OPERATED FROM OUTSIDE THE DYKE WALL. SUMP VALVE SHALL ALWAYS BE IN CLOSED POSITION & IT SHALL NOT BE USED FOR DRAINING RAIN WATER, REF. COND. 3(A) OF LICENCE IN FORM XV
9. OPENING IN DYKE WALL SHALL BE SEALED WITH PCC AFTER THE HYDRO-TEST OF PIPING IS COMPLETED
10. ENTIRE PETROLEUM STORAGE FACILITY IS FENCED BY MIN. 2000 MM HIGH FENCING
11. ALL VALVES DIRECTLY MOUNTED ON TANK SHALL BE IN FORGED/CAST STEEL CONSTRUCTION
12. THE TANKS SHALL REST ON RCC FONDATION. REF. COND. 3(I) OF LICENCE IN FORM XV
13. THE TANKS, MOTOR & ELECTRIC FITTING SHALL BE EARTHED AT TWO DISTINCTIVE POINTS ON DIAMETRICALLY OPPOSITE SIDES REF RULE 126
14. TANKS SHALL BE IN WELDED CONSTRUCTION AND MADE FROM MILD STEEL PLATE CONFIRMING IS - 2062
15. TANKS SHALL BE DESIGNED, FABRICATED, TESTED AND INSPECTED AS PER IS : 803 FOR VERTICAL CYLINDRICAL TANKS
16. ALL ELECTRICAL/ELECTRONIC FITTINGS VIZ. LIGHT FITTINGS, STARTERS/SWITCHES, MOTORS ETC. SHALL BE "FLAME PROOF" OF A TYPE APPROVED BY CHIEF CONTROLLER OF EXPLOSIVES, PESO NAGPUR AND SHALL BE AS PER IS/IEC 60079-1, IEC 60079-11 (OLD IS:2148) [REF RULE 126]
17. TANK VENT OPENING SHALL BE COVERED WITH NON CORRODING METAL WIRE GAUGE OF 2 LAYER OF MIN. 11 MESH PER LINEAR CM REF COND. 4 OF LICENCE IN FORM XV
18. THE GROUND INSIDE THE FENCED AREA OF THE INSTALLATION AND THE PROTECTED AREA SURROUNDING IT SHALL BE CLEAN AND FREE FROM ALL VEGETATION, WASTE/RUBISH MATERIAL AND ANY FLAMMABLE ITEMS.
19. THE FILL POINTS SHALL BE PROVIDED AT APPROPRIATE PLACES.
20. "NO SMOKING" BOARDS, SHALL BE PROVIDED AT APPROPRIATE PLACES
21. THE DIP PIPE INSIDE THE TANK SHALL BE PERFORATED & COVERED WITH TWO LAYERS OF METALLIC WIRE MESH & SHALL BE NORMALLY KEPT COVERED WITH CAP AT THE TOP



LOCATION PLAN

CALCULATIONS OF DYKE WALL HEIGHT :-

NOMINAL CAPACITY OF LARGEST TANK = 3033.5KL
HOLDING CAPACITY OF LARGEST TANK (H1) = 1021.48M
TOTAL AREA OF TANK FENS (TA) = 609.03M²
TOTAL AREA OF DYKE (DA) = 2466.24M²

NET STORED ENCLOSURE AREA(NSA) AVAILABLE
NSA = DA - TA
= 2466.24M² - 609.03M²
= 1530.04M²

HEIGHT OF DYKE WALL (HDW) REQUIRED
HDW = H1 * NSA
= 1021.48M³ ÷ 1530.04M²
= 0.67M

ADD 200 MM FOR FREE BOARD,
MAKING THE TOTAL HEIGHT OF DYKE REQUIRED = 1.15M
PROVIDE DYKE WALL OF 1.5 M HIGH(H1)

DYKE ENCLOSURE CAP. = NSA xH1
= 3039.06 KL

FOR SUFALAM INDUSTRIES LTD.

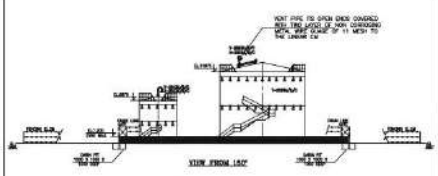
Mr. Harelik Rajesh Agrawal
Signature & stamp
Designation: Director

REVISIONS	REV NO.	DATE	DETAILS
	0	17/05/24	RE- APPROVAL
	0	29/11/21	SUBMISSION FOR CCE APPROVAL

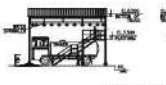
M/s. Sufalam Industries Limited

LOCATION / SITE ADDRESS PARTICULARS

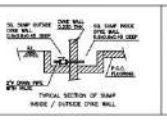
PLOT NO.	: D-3 , DEORI INDUSTRIAL AREA		
VILLAGE	: DEORI	TALUKA	: DEORI
DISTRICT	: GONDIA	STATE	: MAHARASHTRA
PIN CODE	: 441901	NEAREST RLY. STN.	: GONDIA
NEAREST POLICE STN.	: MIDC DEORI POLICE STATION		
PROJECT	: PETROLEUM STORAGE INSTALLATION		
DRG. TITLE	: LAYOUT PLAN	DRG. NO.	P/SIL/NB/21/05-24
SHEET 1 OF 1	REV NO. - 0	SIZE	A1



TYPE ELEVATION OF TANK
AS PER IS: 803



LOADING PLATFORM ELEVATION



TYPICAL SECTION OF SUMP INSIDE / OUTSIDE DYKE WALL



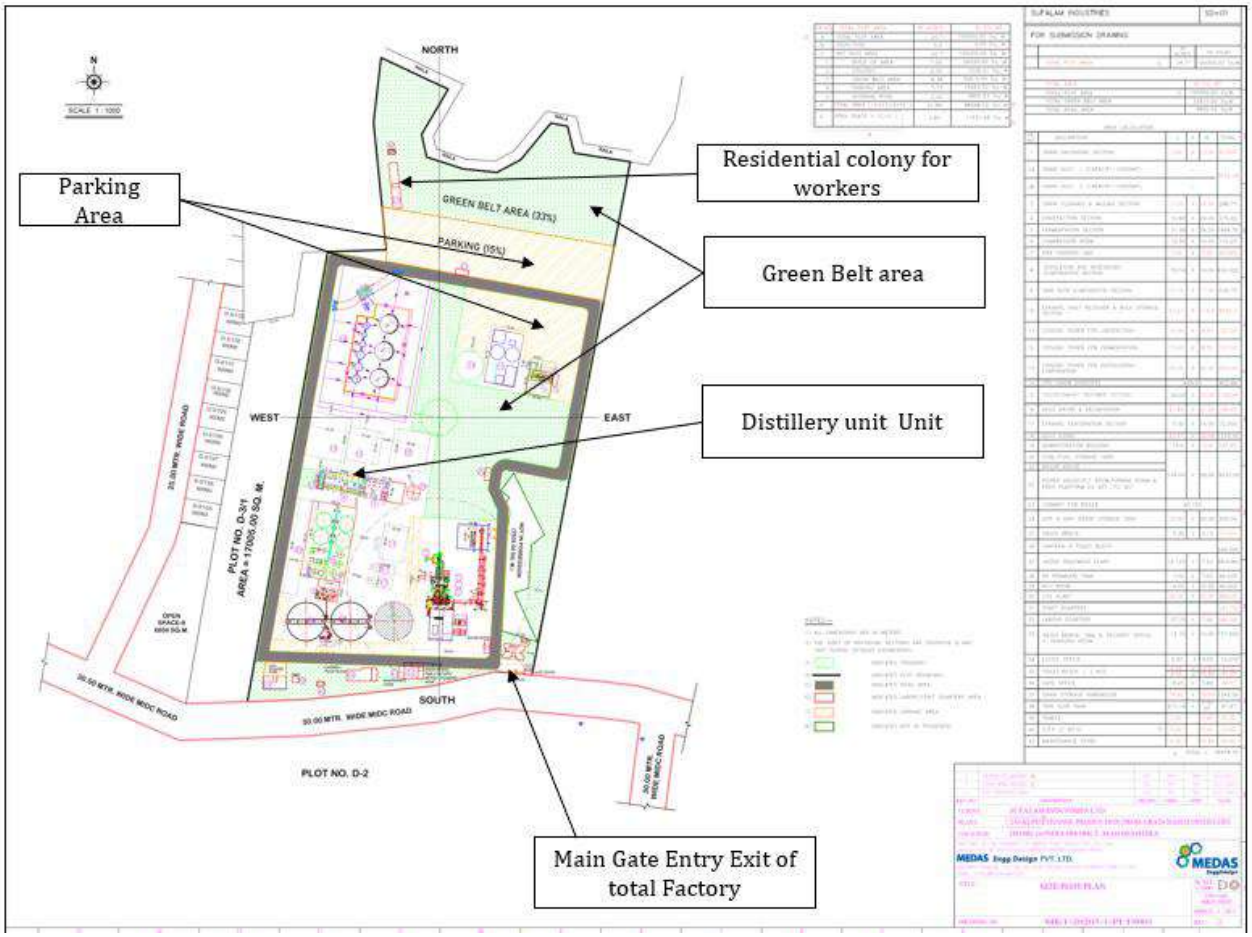
CROSS SECTION OF CABIN LINE FENCING (Typ.)

SCHEDULE OF TNT. STORAGE TANK

TK NO.	PET. TO STORE	PET CLASS	SIZE IN MM	TANK VOLUME	STORAGE CAP. IN KL
T-2033A	ETHANOL	'A'	Ø 9600 x 9870 HT	226.90 KL	222.52 KL
T-2033B	ETHANOL	'A'	Ø 9600 x 9870 HT	226.90 KL	222.52 KL
T-2033C	ETHANOL	'A'	Ø 9600 x 9870 HT	226.90 KL	222.52 KL
T-2033A	ETHANOL	'A'	Ø 14030 x 11605 HT	3602.59 KL	1021.48 KL
T-2033B	ETHANOL	'A'	Ø 14030 x 11605 HT	3602.59 KL	1021.48 KL
T-2033C	ETHANOL	'A'	Ø 14030 x 11605 HT	3602.59 KL	1021.48 KL
			TOTAL @ 95%		6434.37 KL

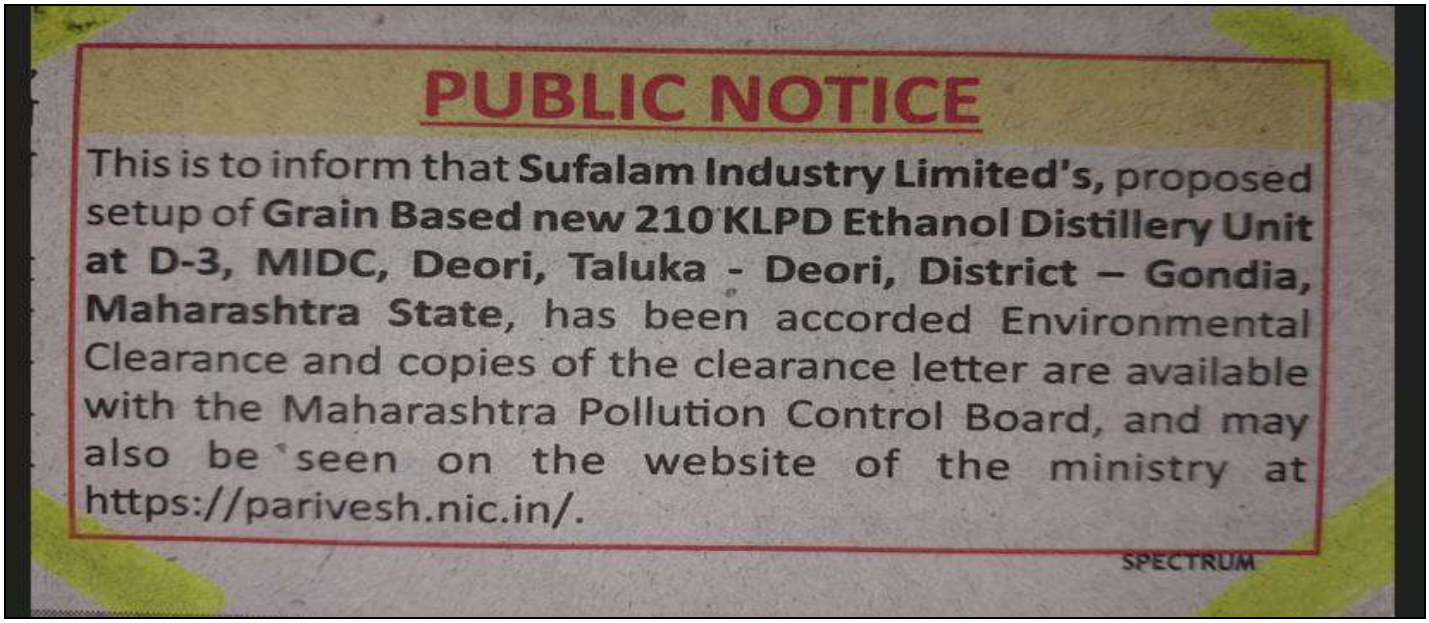
Location Id: [P5243151]
Date:2024.06.28 11:42:45 +05:30
Reason: Approved
Location: West Circle
Name: Approved
Certificate No: [P5243151]

Annexure 5 Parking Layout



Annexure 6 Advertisement in Local Newspaper

In English Newspaper



PUBLIC NOTICE

This is to inform that **Sufalam Industry Limited's,** proposed setup of **Grain Based new 210 KLPD Ethanol Distillery Unit at D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State**, has been accorded Environmental Clearance and copies of the clearance letter are available with the Maharashtra Pollution Control Board, and may also be seen on the website of the ministry at https://parivesh.nic.in/.

SPECTRUM

In Marathi Newspaper



सार्वजनिक सूचना

सुफलाम इंडस्ट्रीज लि. द्वारा सर्व सामान्याला हे कळविण्यात येते की आमच्या, D-3, MIDC, देवरी, तालुका - देवरी, जिल्हा - गोंदिया, महाराष्ट्र राज्य, येथे धान्य आधारित नवीन 210 K L P D इथेनॉल डिस्टिलरी युनिटच्या प्रस्तावित कारखानयाला **पर्यावरणीय मंजुरी प्रदान** करण्यात आली आहे आणि मंजुरी पत्राच्या प्रती **महाराष्ट्र प्रदूषण नियंत्रण मंडळा च्या कार्यालयात** उपलब्ध आहेत आणि **मंत्रालयाच्या https://parivesh.nic.in/** या वेबसाइटवर सुद्धा पाहता येईल.

SUFALAM
Industries Ltd.

Date: 30/12/2024

To,
The Additional Director(s),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra- 440001

Subject: Submission of Environmental Clearance compliance Report **(April 2024 To September 2024)** for Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State by M/S. Sufalam Industries Limited

Reference: 1. Environment Clearance from MoEF vide F. N. IA-J-11011/528/2021-IA- II (I) dated 25th February 2022
2.Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Respected Sir,

With reference to the above subject, we are submitting the current Status of our project, monitoring reports, data sheet and point wise compliance status to various stipulation laid down by the Ministry of Environment and Forest in its clearance letter No. F. N. IA-J-11011/528/2021-IA- II (I) 25th February 2022 & Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For **M/s. Sufalam Industries Limited**

Authorized Signatory.

SUFALAM INDUSTRIES LIMITED

Encl.:
Part A: Data Sheet
Part B: Current Status of Construction Work
Part C: Point wise compliance status
Part D: Annexures

Environmental Clearance Compliance Status Report

(April 2024 to September 2024)

FOR

Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit

By

M/S. Sufalam Industries Limited.

At

Village D 3, MIDC, Deori, Taluka - Deori, District Gondia, Maharashtra State

Applicant

M/S. Sufalam Industries Limited

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Part A Data Sheet

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forest and Climate Change

Western Region, Regional Office, Nagpur

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	**Industry**
2.	Name of the project		:	**M/s Sufalam Industries Limited**
3.	Clearance letter (s) / OM No. and Date		:	Proposed Setup of New Grain Based 210 KLPD Ethanol Distillery Unit
4.	Location		:	
	a.	District (S)	:	Gondia
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude: 21° 3'52.58"N Longitude: 80°22'58.55"E
5.	Address for correspondence			
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Ashish Kumar M/s Sufalam Industries Limited Registered address: - Navrang, Vasudev, Vrindavan, Jamtha, Nagpur, Maharashtra-441122
6.	Salient features			
	a.	of the project	:	It is a Proposed Establishment of New Grain Based 210 KLPD Ethanol Distillery Unit
	b.	of the environmental management plans	:	**1. Pollution control plan:** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operation yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operation yet. 3] CO2 Recovery Unit work in process. **a.** Effluent stream will be treated through Condensate Polishing Unit. CPU is work in process. **b. Rain water harvesting:** Rain water harvesting plan is prepared based on CPCB guidelines. **c. Green belt development:** Area under plantation is 8.38acre. (33,915 Sq.m.) i.e. 33 % of total net plot area. Precautions are being taken, and no tree cutting is in planed.
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-Forest area. (MIDC Deori)

	b.	Others	:	Area under development: 100000 Sq.m.(Total Project Area) Green Belt Area 8.38 (33,915 Sq.m) ha (~33 %)
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land &landless labourers /artisan		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out or only provisional figures, it a Survey is carried out give details and years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	**Total Project cost: 146.50 crores**
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Costing enmarked for (Environmental Management Plan (EMP)) will be Total set up Cost: 2435 Lakh O & M cost: 166 Lakh/annum (Yet to be started)
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	

<table>
<tr><td></td><td>f.</td><td>Actual expenditure incurred on the environmental management plans so far</td><td>:</td><td>Total set up Cost: 1050 Lakh/Annum
O & M cost: 70 Lakh/Annum</td></tr>
<tr><td>10.</td><td colspan="2">Forest land requirement</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>a.</td><td>The status of approval for diversion of forest land for non-forestry use</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>b.</td><td>The status of clearing felling</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>c.</td><td>The status of compensatory afforestation, it any</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>d.</td><td>Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far</td><td>:</td><td>Not Applicable</td></tr>
<tr><td>11.</td><td colspan="2">The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information</td><td>:</td><td>Not applicable</td></tr>
<tr><td>12.</td><td colspan="2">Status of construction</td><td></td><td>
<table>
<tr><th>Sr. No</th><th>Building Name & number</th><th>Status as on September 2024</th></tr>
<tr><td>1</td><td>Fermentation Section</td><td>Work in process.</td></tr>
<tr><td>2</td><td>Distillation Section</td><td>Work completed.</td></tr>
<tr><td>3</td><td>Receiver & Storage Section</td><td>Work completed.</td></tr>
<tr><td>4</td><td>Green Belt Development</td><td>33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.</td></tr>
</table>
</td></tr>
</table>

				5	Boiler, Stack with online monitoring system & ESP	1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operational yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operational yet. 3] CO2 Recovery Unit work in process 4]Online monitoring system will be installed.
	a.	Date of commencement (Actual and/or planned)	:	Proposed Establishment of 210 KLD: April 2022		
	b.	Date of completion (Actual and/or planned)	:	Consent to Operate received on 30th September 2024(However project is not Operational Yet)		
13.	Reasons for the delay if the Project is yet to start		:	Not applicable		
14	Dates of site visits					
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	RO site visit report letter vides no. EC-2221IRON/2023-NGP-12240 dated 27/09/2023.		
	b.	Date of site visit for this monitoring report	:	27/09/2023		
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)		:	Not Applicable		
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)		:	Agreed		

Part B Construction Status of Project

Sr. No.	Unit	Status as on September 2024	Status of the Environmental Management Facilities
1	Fermentation Section	Work completed	**a. Green Belt:** 33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years. **b. Stack with online monitoring system** 1] 1 No of 45 TPH boiler with 60 m stack height and ESP as APC Equipment is installed but not in operational yet. 2] D. G. Sets 2 Nos of 500 kVA is installed but not in operational yet. 3] CO2 Recovery Unit work in process 4] Online monitoring system will be installed.
2	Distillation Section	Work completed	
3	Receiver & Storage Section	Work completed	

Production Status of Project

Sr. No.	Description	Unit	EC quantity	Consent to Operate quantity	Actual production qty in during the previous financial year 2023-2024	
					Per Day	Per Annum
1	Distillery Unit	KLPD	210	210	No production is started yet	No production is started yet
2	Anhydrous Alcohol (Fuel Ethanol)	KLPD	210	210	No production is started yet	No production is started yet
3	**Impure Spirit**	KLPD	6.6	6.6	No production is started yet	No production is started yet
4	**Fusel Oil**	KLPD	2.0	2.0	No production is started yet	No production is started yet
5	**CO2**	TPD	157	157	No production is started yet	No production is started yet
6	**Distillers' Dry Grain with Soluble (DDGS)**	TPD	136	136	No production is started yet	No production is started yet
7	**Power Generation (TG set)**	MW	5	5	No production is started yet	No production is started yet

Environment Clearance Compliance Report

Project Name: Proposed Establishment of new grain based 210 KLPD Ethanol Distillery at Village D 3, MIDC, Deori, Taluka - Deori, District -Gondia, State -Maharashtra

Period of Compliance: April 2024 to September 2024

Ref: EC vide letter No.:

1] Ethanol Distillery unit F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022

2] Letter from MoEF & CC vide no. F. N. IA-J-11011/528/2021-IA- II dated 27th December 2023 regarding project is not following under ESZ area.

Point wise compliance of conditions stipulated in Ethanol distillery EC vide letter no. F. No. IA-J-11011/528/2021-IA-II(I) dated 25th January 2022 are given as under: -

Sr. No	EC Conditions	Compliance
A. Specific conditions		
i.	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Agreed & we herewith assure that 210 KLPD shall be only be used for fuel ethanol manufacturing.
ii.	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.	Agreed.
iii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.	Noted. We will comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. Solar Panel shall be installed once plant is in operation.

iv.	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	• The spent wash slop will be generated subjected to decantation & thin slop followed by (MEE) to DDGS CPU of capacity 1300 m3/day to treat process condensate • There will be no disposal of waste water on land.
v.	Total fresh water requirement shall not exceed 3.5 KL fresh water consumed/KL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption	CGWA NOC permission vid e no. CGWA/NOC/IND/ORIG/2023/18452 dated 08/05/2023 is obtained for water requirement 477 CMD attached as **Annexure 2**
vi.	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.	As per MoEF&CC guidelines, "Zero Discharge" is mandatory for distillery project. Spent wash slop is main liquid waste generated from distillery. Spent Wash Slops will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS.
vii.	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Noted. CO2 Recovery Unit work in process
viii.	PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	We have allocated Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health and same will be undertaken once plant is operational.
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Project is not operational yet; we will provide the training to the staff once project is operational.
x.	The unit shall make the arrangement for	Noted. PESO certificate is attached as

	protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained	**Annexure 4**
xi.	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Noted.
xii.	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	We have undertaken waste minimization measures as below: - a) Yest & CPU sludge After drying, it will be sold to brick manufacturer. Non-Biodegradable waste is Manually collected and sold to scrap vendors & biodegradable waste is Used as manure. b) DDGS will be provide Cattle feed, food for poultry purpose c) Automated filling to minimize spillage will be followed d) Venting equipment through vapor recovery system is in place. e) We will use high-pressure hoses for equipment clearing to reduce wastewater generation.
xiii.	The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.	Agreed. 33 % of green belt development has been in place. & The plantation of 5099 trees proposed are in process plantations will complete during next 5 years.
xiv.	PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.	We are in the process of discussion with District Magistrate. Regarding CER activity. We will implement the same. Details are as follows The capital cost of the proposed establishment project is Rs. 146.50 Crores. The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per

		Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
xv.	There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.	15.09 % of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products, parking layout is attached as **Annexure 5**
xvi.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Agreed
xvii.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous online (24x7) monitoring system for stack emissions installation is in progress.
xviii.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) carry out the Environmental Management is provided as mentioned EMP submitted during meeting.
B. General Condition		
i.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed and no further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.

ii.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	The low energy consumption light source i.e., LED Lamps are provided for illumination. The same practice shall be continued.
iii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The acoustic measures, silencer pads etc are provided. Regular maintenance of all the noise generating equipment is done from time to time. Adequate greenbelt is provided to reduce the ambient noise levels. Periodic monitoring of Ambient noise levels is done by NABL/MoEF&CC Accredited laboratories are done the records are maintained. The noise monitoring reports are enclosed as **Annexure 3.**
iv.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The capital cost of the proposed establishment project is Rs. 146.50 Crores. The industry has reserved Rs. 2.19 Crores (1.5 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER). These will be spent within first 5 years.
V.	• The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	• Agreed. • The funds earmarked for environmental protection measures are kept in a separate account and never spend on other purposes. • We are submitting herewith funds allocated for Environmental Management Plan (EMP). • Total set up Cost: 2435 Lakh • O & M cost: 166 Lakh/annum
vi.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Copy of EC has been submitted MPCB.
vii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance	Noted. We will submit the same regularly to the respective Regional Office of MoEF&CC, the respective Zonal Office of

	conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	CPCB and SPCB.
viii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	We will submit the environmental statement report for each financial year after obtaining Consent to Operate to the Maharashtra pollution control board as prescribed under the environment protection rules 1986, as amended subsequently. Website is under maintenance; it will be uploaded once it is functional.
ix.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The advertisement had been published in local English & Marathi newspaper. Advertisement copy is attached as **Annexure 6.**
x.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed.
xi.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed.

Part E Annexures

Annexure 1- Environment Clearance Certificate Distillery Unit

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Director
SUFALAM INDUSTRIES LIMITED
Navrang, Vasudev, Vrindavan,Jamtha,Nagpur,Maharashtra-441122

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/246505/2021 dated 06 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A060MH144844**
2.	**File No.**	IA-J-11011/528/2021-IA-II(I)
3.	**Project Type**	New
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	5g(a)-Grain Based distilleries for Ethanol Blended Petrol
6.	**Name of Project**	Proposed setup of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/S. Sufalam Industries Limited .
7.	**Name of Company/Organization**	SUFALAM INDUSTRIES LIMITED
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 25/02/2022

(e-signed)
A.K Pateshwary
Director
IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.

3. All grain based distilleries producing ethanol, solely to be used for Ethanol Blended Petrol Programme of the Government of India are listed at S.N. 5(ga) of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 amendment vide S.O 2339 dated 16th June 2021 under category 'B-2' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal is exempted from obtaining ToR & conducting Public Hearing as per EIA notification, 2006 amendment vide S.O 2339 dated 16th June 2021. It was informed that no litigation is pending against the project.

5. The details of products and capacity are as under: -

Description	**Unit**	**Total**
Distillery Unit	**KLPD**	**210**
Anhydrous Alcohol (Fuel Ethanol)	KLPD	210
Impure Spirit	KLPD	6.6
Fusel Oil	KLPD	2.0
By Product		
CO2	TPD	157
Distillers' Dry Grain with Soluble (DDGS)	TPD	136
Power Generation (TG set)	MW	5

6. Total project area is 100000 m^2 (24.71 acre). Industry will develop greenbelt in an area of 33.9 % i.e., 33,915 m2 (8.38 acre) out of net plot area of the project.

7. The estimated project cost is Rs 146.50 Crore. Total capital cost earmarked towards environmental pollution control measures proposed unit will be Rs 24.35 Crores and the Recurring cost (operation and maintenance) will be about Rs 1.66 Crores per annum. Total Employment for proposed unit will be 230 (Construction phase 150 Nos & operation phase 80 Nos) persons as direct & 500-1000 persons indirect employment. Industry proposes to allocate Rs 2.19 crores towards Corporate Environment Responsibility.

8. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body satbahini river flowing at a distance of approx 2.87 Km in west direction & Bagh river at a distance of approx 5.98 Km in north direction.

9. Total water requirement is 2198 m^3/day of which fresh water requirement of 886 m^3/day will be met from Nagar Panchayat Deori. Effluent of quantity 2140 m3/d (Spent wash slop 861 + Spent lees 210 + MEE Process Condensate 577 + Dryer condensate 272 + Boiler Blow down 32 + Cooling tower blow down 123 + Washing 65). Spent Wash Slops (approx. 7.36 % w/w solids) will be initially treated in decanters and the thin slops are concentrated in the Multiple Effect Evaporators (MEE) up to 30% solids (w/w). This concentrated spent wash is sent to the DWGS drier along with wet cake generated from decanters and the output is a dry powder with 90% solids and is known as DDGS and Process condensate along with blow down will be treated in Condensate Polishing Unit. The plant will be based on Zero Liquid discharge system.

10. Power requirement will be 4.5 MW including which will be met from 5 MW Turbine Generator set connected to 45 TPH boiler. Additionally 2 No of 500 kVA DG sets will be used as standby during power failure. Stack (height 5m.) will be provided as per CPCB norms to the proposed DG sets. Grain based distillery unit proposed to install coal/ rice husk fired boiler of capacity 45 TPH. Electrostatic precipitator (ESP) with a stack of height of 60 m will be installed to proposed 45 TPH boiler for controlling the particulate emissions within the statutory limit of 150 mg/Nm3 for the proposed boilers.

11. Details of Process emissions generation and its management:

Sr. No	Source	Fuel	Pollutant	Control Equipment
1	1 No of 45 TPH boiler	Coal or Rice Husk	PM, SO2 & NOx	60 m stack height and ESP as APC Equipment shall be provided

Sr. No	Source	Fuel	Pollutant	Control Equipment
2	D. G. Sets 2 Nos of 500 kVA	HSD	PM & SO2	5m Stack Height shall be provided
3	Fermentation Unit	--	CO2	CO2 Recovery Unit

12. Details of Solid waste/Hazardous waste generation and its management:

Solid Waste Management

Sr. No.	Description of waste		UOM	Quantity	Treatment	Mode of collection and disposal
1	Yeast sludge		Kg/D	400	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
2	CPU sludge		Kg/D	200	Sludge Drying Beds	After drying, it will be sold to brick manufacturer
3	Boiler ash	Coal as fuel	MT/day	65	Will be sold to brick manufacturer	Will be sold to brick manufacturer
		Rice husk as fuel		56		
Municipal Solid waste from Operational (80 No) workers						
1	Non-Biodegradable		Kg/D	12	--	Manually collected and sold to scrap vendors
2	Bio-degradable		Kg/D	8	Composting	Used as manure

Municipal Solid waste from Residential colony (20 Family 100 persons)					
1	Non-Biodegradable	Kg/D	20	--	Manually collected and sold to scrap vendors
2	Bio-degradable	Kg/D	30	Composting	Used as manure

Hazardous Waste Management

Sr. No.	Description of waste	Category	UOM	Quantity	Mode of collection and disposal
1	Spent oil	5.1	MT/A	1	Used in own boiler as fuel

13. As per OM dated 16th June, 2021, PP has submitted self-certification in the form of affidavit declaring that the proposed capacity of 210 KLPD will be for manufacturing of fuel ethanol only.

14. During the deliberations, EAC directed PP to submit an undertaking for the following commitments/information:

a) Fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol.
b) Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.
c) Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.
d) The proposed budget towards CER be increased to Rs. 2.50 Crores The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.
e) PP shall allocate Rs. 50 Lakhs per annum Fund for occupational health and safety.

PP has submitted the desired commitments/information sought above in the form of undertaking except for points (a) & (e) which are being imposed as specific conditions.

15. The proposal was considered by the EAC in its 49th meeting held during 27th- 28th January, 2022 in the Ministry, wherein the project proponent and their consultant M/s Ampl Environ Pvt. Ltd presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance.

16. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

17. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

18. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby **accords** environmental clearance to the project proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited, under the

provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -

A. Specific Conditions:

(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 210 KLPD shall be only for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

(ii) EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project.

(iii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. Industry shall install solar power of at least 10% of its total power requirement within plant/nearby villages as a part of EMP.

(iv) The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.

(v) Total fresh water requirement shall not exceed 3.5 kL fresh water consumed/kL production of Ethanol which will be met from Nagar Panchayat Deori. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Industry shall construct a storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.

(vi) The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash. Coal of Sulphur content less than 0.5 % may be used during non-availability of rice husk in rainy season.

(vii) CO_2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.

(viii) PP proposed to allocate Rs. 50 Lakhs/annum for occupational health safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(ix) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.

(x) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.

(xi) Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xiii) The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery and it shall be completed along with the commissioning of the project. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Development of greenbelt shall be completed along with commissioning of the project.

(xiv) PP proposed to allocate Rs. 2.50 Crores towards CER. The proposed amounts shall be equally spent on installation of solar power and on improving infrastructure of public schools in nearby villages in consultation with District Magistrate. All the proposed activities under CER shall be completed before the commencement of operations of the plant.

(xv) There shall be at least 15% of the total plant area shall be earmarked for parking of vehicles for raw materials and finished products as per CPCB norms along with the facilities of toilets, drinking water facility and restrooms; no parking to be allowed outside on public places.

(xvi) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(xvii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(xviii) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions

stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

20. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

21. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

22. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

23. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

24. This issues with the approval of the competent authority.

(Ashok Kumar Pateshwary)
Director

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

(Ashok Kumar Pateshwary)
Director
E-mail: ak.pateshwary@gov.in
Tel. No. 24695290

Letter regarding project not falling under ESZ

File No IA- J-11011/528/2021-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division
***

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-110 003

Dated: 27th December, 2023

To

Shri Hardik Agrawal (Director),
M/s. Sufalam Industries Limited
Navrang, Vasudev, Vrindavan,
Jamtha, Nagpur (Rural), Maharashtra-441122.

Sub: Proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited - Environment Clearance reg.

Sir,

This has reference to your online proposal No. IA/MH/IND2/246505/2021, dated 06th January, 2022 for environmental clearance to the above-mentioned project. Based on the proposal submitted by PP and the recommendations of the EAC (Industry-II), the Ministry has granted environmental clearance to the project (EC ID EC22A060MH144844 dated 25.02.2022).

2. Subsequently, the Ministry received a complaint from Shri. S.S. Patil, a resident of Solapur, Maharashtra, alleging that the M/s. Ampl Environ Pvt. Ltd. (the consultant) provided inaccurate information by stating that there are no eco-sensitive regions within a 10 km radius of the project site whereas the entire 'Deori' village, where the proposed distillery site is located, falls within the Ministry's ESZ Notification dated 25.02.2016, covering Nagzira WLS, New Nagzira WLS, Koka WLS, Navegaon WLS, and Navegaon NP.

3. Based on complaint received and after due examination, Ministry issued a Show Cause Notice (SCN) to M/s. Sufalam Industries Limited vide letter dated 26.05.2023 under para 8 (vi) of the EIA Notification of 2006 read with Section 5 of the Environment (Protection) Act, 1986 for concealment of factual information, as the project site falls within the New Nagzira and Koka Eco Sensitive Zone (ESZ) notified on 25.02.2016.

4. In response to the SCN, the project proponent, through letter dated 22.06.2023, acknowledged that during the EC application, the distance from the national park and wildlife sanctuary was measured from the buffer area

boundary. However, the distance from the eco-sensitive zone (ESZ) was not measured due to ambiguity surrounding the ESZ area and it was realized later that the activity is not permitted as per the ESZ Notification, and there was no deliberate attempt to conceal information or misguide the authorities. The PP has also stated that construction or erection of the distillery unit was not commenced after the realization that the project site is located within the ESZ. The PP has also informed that, as per the draft ESZ notification SO 876 (E) dated 24.02.2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navagaon Wildlife Sanctuary, and Navegaon National Park in Gondia and Bhandara Districts in Maharashtra. Considering the aforementioned facts, the industry requested that no legal action be taken against their proposed distillery unit with a request for personal hearing before any adverse action is taken.

5. Opportunity for Personal Hearing was given as per request of PP which was held on 09.08.2023 at 10:30 AM. During the personal hearing PP admitted that Industry was located within the area included in the ESZ Notification dated 25.02.2016 and there was no deliberate attempt to conceal information or misguide the Authorities and requested not to revoke the EC as no construction had been started and as per draft ESZ notification SO 876 (E) dated 24.02.2023, the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ).

6. The matter has been examined in Ministry and it is found that the project site falls outside draft ESZ notification SO 876 (E) dated 24.02.2023. The draft ESZ got finalized vide S.O. 4132(E) dated 20.09.2023 and as per the final notification the area of MIDC Deori is exempted from the Eco-Sensitive Zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park.

7. Further, the proposed site was inspected by Regional Office on 26.09.2023 and RO has submitted the factual report of the site vide letter EC-2221IRON/2023-NGP-12240 dated 27.09.2023 wherein it was reported, along with some observations, that the site is vacant open land and no activity had been carried out at the site.

8. Subsequently, the matter was considered in EAC (Ind-II) held on 04th – 05th October, 2023 wherein PP has submitted compliance to observations made in inspection report, budgetary allocation of EMP, revised ecological profile of the proposed site. Details are enclosed as Annexure. The Committee was satisfied with the information furnished by the Project Proponent. After detailed deliberations the Committee stipulated the following additional specific conditions as safeguard measures:

(i) The project proponent shall prepare a site-specific conservation plan and wildlife management plan for Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.

(ii) ESP along with stack height of 60 m shall be provided to bagasse/coal fired boilers to meet the particulate matter emissions within the statutory limit of 30 mg/Nm3.The SO2 and NOx emissions shall be within the prescribed norms of 100mg/Nm3 At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.

(iii) 6 feet high compound wall and 2 feet barbed wire fencing above compound wall along nala boundary shall be provided and 10 m thick plantation buffer from compound wall towards nala shall be created. PP shall ensure that no wastewater/treated water and solid waste is discharged into the nallah.

(iv) As proposed, 5 m thick plantation buffer from compound wall towards dilapidated school building of Z.P Gondia.

(v) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.

(vi) PP shall sensitize and create awareness amongst the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

9. The MoEF&CC has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification,

2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee, hereby withdraws the SCN issued vide letter dated 26.05.2023 and further stipulates above additional conditions in EC ID EC22A060MH144844 dated 25.02.2022. All other terms & conditions stipulated vide EC ID EC22A060MH144844 dated 25.02.2022 for granted for proposed establishment of new grain based 210 KLPD Ethanol Distillery Unit at Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited remain unchanged.

10. This issues with the approval of the competent authority.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Gondia District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File.

27/12/2023

(Dr. Vimal Kumar Hatwal)
Scientist-'E'
E-mail: vk.hatwal@gov.in

Annexure

S. No.	Points raised by IRO in his report	Compliance by PP
1	PP informed that the site does not fall under the ESZ, however, PP has not submitted any map in this regard.	As per the ESZ notification S.O. 4132(E) dated 20/09/2023 of MoEF&CC, the area of MIDC Deori is exempted from the eco-sensitive zone (ESZ) of Nagzira Wildlife Sanctuary, New Nagzira Wildlife Sanctuary, Koka Wildlife Sanctuary, Navegaon Wildlife Sanctuary and Navegaon National Park. Project site is located approx. at 0.44 km from ESZ boundary. Map showing distance of project site to the ESZ boundary has been submitted.
2	School building at about 213 m on Westen side of the site	School building is present at 213 m on the western side of the site which belongs to Deori Nagar Parishad and same is not in use from the year 2015. The building itself is in dilapidated state. PP has submitted Photographs of school.
3	Nalla is flowing adjoining the North- West corner of the site flowing from west to eastern direction.	NOC for the establishment of proposed 210 KLD distillery is received from Executive Engineer, Gondia Irrigation Division & same is submitted.
4	Wildlife Schedule -I species data may be obtained from the Wildlife Division of the Ministry.	PP has prepared conservation plan for schedule I species as per the list shared by the DFO, Gondia and the same is submitted to DFO, Gondia for approval. Fund earmarked towards Conservation of Schedule – I species is considered in revised EMP. **Brief Conservation Plan:** An integrated forest and wildlife conservation plan for Sufalam Industries Limited encloses the methods employed by the organization to safeguard the forests and wildlife in Gondia district with special attention on the closely located Navegaon National Park. The

		conservation plan focuses on the protection of the predominant forest types and listed umbrella species of the region. Conservation of wildlife and forests in the region shall be a continuous process evolving with each new findings of the monitoring process and will be constantly upgraded based on the observations of experts and all stakeholders.

Budgetary allocation for Environment Management Plan:

S. No.	COMPONENT	PARTICULARS		CAPITAL INVESTMENT (IN LAKHS)	RECURRING INVESTMENT (IN LAKHS)
1.	Air	Construction of new stack for boiler and ESP		250	20
2.	Water	• Construction distillery CPU • MEE & spray dryer for Distillery		1600	100
3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc		30	2
4.	Environment monitoring and Management	Quarterly Environment Monitoring (Per Year)		--	10
		Ambient air monitoring	PM_{10}, $PM_{2.5}$, SO_2, NOx		
		Boiler & DG Set Monitoring	TPM, SO_2, NOx		
		Effluent (Treated &Untreated)	pH, COD, BOD, TSS, TDS, Oil & Grease		

5.	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)	80	15
6.	Greenbelt	Green belt development activity	10	3
		Maintenance of green belt	--	3
7.	Biodiversity	Conservation of Schedule I species	00	3.5
8.	Solid Waste Management	Solid Waste Management	50	7
9.	Rain water harvesting	Rain water harvesting	15	2
10	Energy Conservation measures	Solar PV panel, Solar street light, High efficiency pump for CPU	400	4
		TOTAL COST (INR, LAKHS)	**2435**	**169.5**

Revised distances of ESZ, forest areas and water bodies:

Features	**Description**		**Direction w.r.t. site**
Nearest Reserved Forests	Reserved Forest near Parastola ~2.4Km		S
	Reserved Forest near Deori~2.2 Km		W
	Reserved Forest near Nawatola~ 0.2 Km		N
State boundary	Maharashtra- Chhattisgarh State boundary~6.92 Km		E
Nearest National Park/Wildlife Sanctuary	**Approximate distance as per Ministry S.O 4132. (E) dated 20/09/2023**	**From ESZ**	**Heading in Degrees**

	Nagzira Wildlife sanctuary	0.44	168.50
	New Nagzira Wildlife sanctuary	0.4	168.50
	Koka Wildlife sactuary	0.44	168.50
	Navegaon Wildlife sanctuary	0.44	168.50
Forest	Malewada Forest Range~ 12.75 Km		
Nearest Defence installation	None within 10 km radius of the project		
Nearest CRZ	None within 10 km radius of the project		

Annexure 2- CGWA NOC

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Sufalam Industries Limited		
Project Address:	D-3, Midc Deori,, Tehsil Deori, District Gondia, Maharshtra		
Town:	Deori (ct)	Block:	Deori
District:	Gondia	State:	Maharashtra
Pin Code:			
Communication Address:	Plot D-3, Midc, Deori,, Taluka Deori, District- Gondia,, State Maharashtra, Deori, Gondia, Maharashtra - 441901		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	**NOC No.:**	CGWA/NOC/IND/ORIG/2023/18452	2.	**Date of Issuence**	08/05/2023		
3.	Application No.:	21-4/7893/MH/IND/2022	4.	Category: (GWRE 2020)	Safe		
5.	Project Status:	New Project	6.	NOC Type:	New		
7.	**Valid from:**	12/01/2023	8.	**Valid up to:**	11/01/2026		
9.	Ground Water Abstraction Permitted:						

Fresh Water		Saline Water		Dewatering		Total	
m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/year
477.00	157410.00						

10. Details of ground water abstraction /Dewatering structures

	Total Existing No.:0						Total Proposed No.:7					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	1	0	6	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11.	Ground Water Abstraction/Restoration Charges paid (Rs.):	314820.00		
12.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism	
			Manual	DWLR**	DWLR With Telemetry
	**DWLR - Digital Water Level Recorder	1	0	1	0

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

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SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
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Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
https://cgwa-noc.gov.in

Application No,:	21-4/7893/MH/IND/2022		
Name of Firm:	SUFALAM INDUSTRIES LIMITED		
AppType Category:	*Distilleries*		
Application Type:	*Industrial*		
PAN/GSTIN No. of Firm/Individual:		/	

SN	Description	Amount (Rs.)
1.	Application Processing Fee	10000.00
2.	Ground Water Abstraction /Restoration charges	314820.00
3.	Environmental Compensation Charges (ECRGW) *(Date From to) Days-*	
4.	Penalty for non-Compliance of NOC conditions *Condition to be mentioned*	
	Rs. Rupees Three Lakh Twenty Four Thousand Eight Hundred Twenty Only	**324820.00**

This is an system generated invoice, hence, does not require ink signed.

Term and conditions:

i. All disputes are subject to Delhi Jurisdiction.
ii. Any complaint in regard to the rateswill not be entertained

Member-Secretary
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY

Annexure 3 Ambient Air Monitoring Report

Ambient air monitoring report.

EHS MATRIX PRIVATE LIMITED
Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate, Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2024/Oct/R-664**	**Issue Date**	**22/10/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Air	**Sample Description**	Ambient Air
Date of Sampling	14/10/2024	**Sampling duration**	1440 Min
Sampling Location	**Near Main Gate**	**Sampling Procedure**	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	34°C	**Wet bulb temperature**	28°C
Relative Humidity	45 %	**Sampling done by**	EHS Matrix Pvt. Ltd., Pune
Start Date of Analysis	16/10/2024	**End Date of Analysis**	22/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO_2)	27.1	µg/m³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO_2)	33.6	µg/m³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	62.2	µg/m³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter $PM_{2.5}$	25.0	µg/m³	≤ 60	
5	Carbon Monoxide (CO)	0.8	mg/m³	≤ 04	
6	Ozone(O_3)	18.0	µg/m³	≤ 180	
7	Lead (Pb)	BDL	µg/m³	≤ 01	
8	Arsenic(As)	BDL	ng/m³	≤ 06	
9	Nickel(Ni)	BDL	ng/m³	≤ 20	
10	Ammonia(NH_3)	BDL	µg/m³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m³	≤ 1.0	
12	Benzene(C_6H_6)	BDL	µg/m³	≤ 05	IS 5182 (Part 11)

Remark- All above results is within National Ambient Air Quality standards.
BDL – Below Detectable Limit.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Register Office Address :
C-7, Omkar Kudale Patil Estate, Manik Baugh, Sinhgad Road, Pune - 411051.
+91 20 2435 6133
+91 90961 85285 / +91 91585 60571

Branch Office Address :
F-01, Shakuntala Complex, Rajarampuri, 4th Lane, Kolhapur - 416008.
+91 98343 07334

CERTIFICATIONS :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO/IEC 17025 : 2017 (NABL)

Noise Monitoring report

EHS MATRIX
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2024/Oct/R-665**	**Issue Date**	**22/10/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Noise	**Sample Description**	Ambient Noise
Date of Sampling	14/10/2024	**Sampling duration**	Spot Time
Sampling done by	EHS Matrix Pvt. Ltd., Pune.		

Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A)	Method
1.	Near Main Gate	51.5	40.2	55/45	CPCB Guideline

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -55/45 dB.

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Register Office Address :
C-7, Omkar Kudale Patil Estate, Manik Baugh, Sinhgad Road, Pune - 411051.
+91 20 2435 6133
+91 90961 85285 / +91 91585 60571

Branch Office Address :
F-01, Shakuntala Complex, Rajarampuri, 4th Lane, Kolhapur - 416008.
+91 98343 07334

CERTIFICATIONS :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO/IEC 17025 : 2017 (NABL)

Soil analysis report

EHS MATRIX
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.
+91 91585 60571 / +91 95796 84751 / +91 90961 85285
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	**EHSM/2024/Oct/R-666**	**Issue Date**	**22/10/2024**
Name and Address of Customer	**M/s. SUFALAM INDUSTRIES LIMITED At Village D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State by M/s. Sufalam Industries Limited.**		
Sample Name	Soil	**Sample Description**	S1
Date of Sampling	14/10/2024	**Sampling Time**	11.00 AM
Sampling Location	**Within Project Site**	**Sampling Procedure**	--
Sampling done by	EHS Matrix Pvt. Ltd., Pune	**Sample Quantity**	02 Kg
Start Date of Analysis	16/10/2024	**End Date of Analysis**	22/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	25	%	
	b) Silt	22	%	
	c) Clay	53	%	
2	pH at 25°C	7.23	--	IS 2720(Part 26) 1987
3	EC at 25°C	235	µS/cm	IS 14767 : 2000
4	Moisture Content	4.2	%	Manual Of Soil Testing
5	Organic Matter	0.25	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	0.14	meq/100g	Manual Of Soil Testing
7	Bulk Density	2.3	g/cm³	Manual of Soil; Testing
8	Available Phosphorus	18.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	114.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	39.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	25.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	19.8	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	2.5	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	1.6	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	4.0	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	2.0	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	112.0	mg/Kg	Manual of Soil Testing

EHS Matrix Pvt. Ltd. PUNE

Authorized Signatory
Mr. Rahul Patil
(Director)

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Register Office Address :
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Branch Office Address :
F-01, Shakuntala Complex, Rajarampuri, 4th Lane, Kolhapur - 416008.
+91 98343 07334

CERTIFICATIONS :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO/IEC 17025 : 2017 (NABL)

Annexure 4 PESO certificate & Layout

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)

E-mail : jtccemumbai@explosives.gov.in
Phone/Fax No : 022 - 27575946,27573881

संख्या /No : **A/P/WC/MH/15/7482 (P524316)**

दिनांक /Dated : **28/06/2024**

सेवा में /To,

M/s. Sufalam Industries Ltd,
Apt.No.701/2,7th Floor,B-Wing,Block No.B-3,Devaki,,
Jamtha Tal.Nagpur
Jamtha,
Taluka: Nagpur (Rural),
District: NAGPUR
State: Maharashtra
PIN: 441122

विषय /Sub : **Plot No,** D-3, **Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** में प्रस्तावित पेट्रोलियम वर्ग **A** अधिष्ठापन - पूर्वानुमोदन के अधिक्रमण के संदर्भ में ।
Proposed Petroleum Class **A** Installation at **Plot No,** D-3, **Deori Industrial Area, Deori, Deori, Taluka: Deori, District: GONDIA, State: Maharashtra, PIN: 441901** Regarding in supersession of prior approval

महोदय
/Sir(s),

कृपया आपके पत्र संख्या **OIN1702471** दिनांक **27/06/2024** का संदर्भ ग्रहण करें ।
Please refer to your letter No. **OIN1702471** dated **27/06/2024**

अनुमोदित किया जाता है तथा प्रत्येक अरेखण की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।
The Drawing(s) nos. **P/SIL/N6/21/05-24** dated **17/05/2024**, **P/SIL/N6/21/05-24** dated **17/05/2024** , showing the site and layout etc. of the above installation is/are approved in **supersession** of old Drawings and a copy (of each) of the same is returned herewith duly endorsed in token of approval.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें ।
The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

Conditions of the Approval:-
Sortest inter distance between storage vessel (periphery) to the firewater tank and pump house shall be incorporated in the site plan. 2.foundation details of the storage tank shall be incorporated in layout plan .3. QRA report along with closure report shall be submitted at the time of grant of lic .4. The provision of earthing to be provided at the tanker loading/unloading. 5. LoI from an authorized supplier to be furnished.

1. प्ररूप IX(संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
   An Application in Form IX (enclosed) duly filled in and signed.
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुज्ञप्ति शुल्क रू **50000**/- (प्रति वर्ष – अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
   A license fee of Rs. **50000**/- (per year - maximum upto 10 years)to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी इंक करेक्शन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।
   Four copies of the approved plans.
4. इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्टैंप सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्ररूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
   Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person.
5. पेट्रोलियम नियम, 2002 के नियम 144 के तहत निर्धारित प्रपत्र के अनुसार जिला प्राधिकरण (एलएसडीए) मॉड्यूल के लाइसेंसिंग सिस्टम के माध्यम से जारी किया गया अनापत्ति प्रमाण पत्र, उनके हस्ताक्षर और मुहर के साथ पृष्ठांकित अरेखण /प्लान की प्रति के साथ ही । पुआरएल : https://lsda.peso.gov.in/LSDAOnline/Login.aspx के माध्यम से ऑनलाइन एनओसी आवेदन, ई-फाइलिंग किया जा सकता है।
   No objection certificate issued under Rule 144 of the Petroleum Rules, 2002 as per prescribed proforma by the District Authority through Licensing System for District Authority (LSDA) module only together with a copy of drawings/plans endorsed with his sign and seal. Online NOC application eFiling may be accessed through URL : https://lsda.peso.gov.in/LSDAOnline/Login.aspx
6. इस कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों)के नमूना हस्ताक्षर।
   Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation**with a copy to Controller of Explosives, WARDHA , WARDHA**.

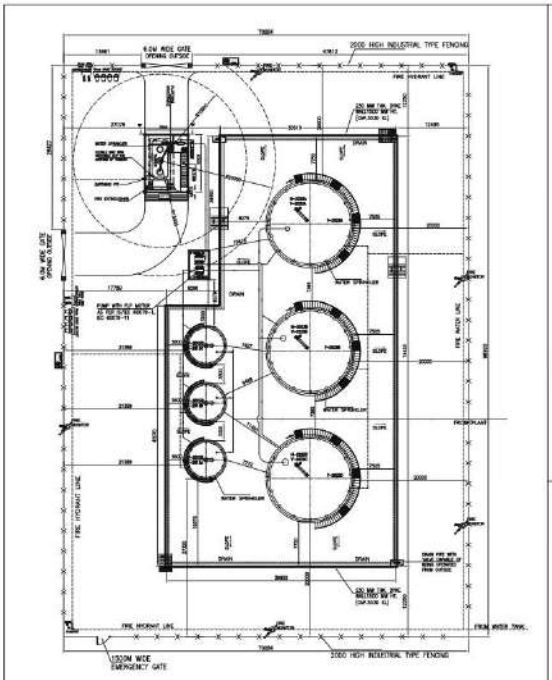
जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के सॉलवेन्ट, रैफिनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।
Please follow the requirement/provision of " Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।
This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

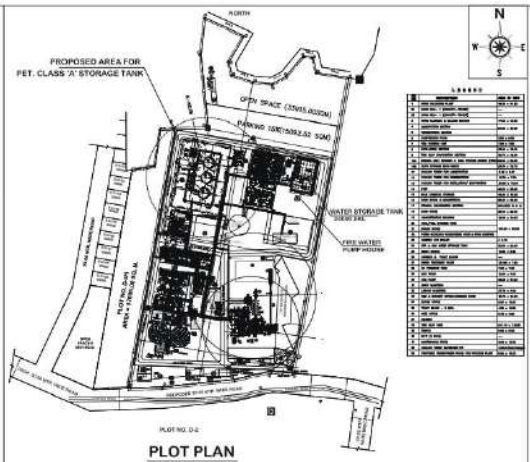
भवदीय /Yours faithfully,

((अमित कुमार)
(Amit Kumar))
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

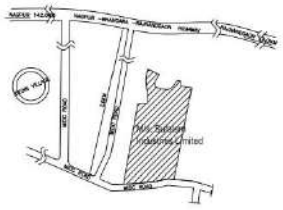
Note:-This is system generated document does not require signature.
(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)



ABOVE GROUND STORAGE TANK
INSTALLATION LAY-OUT DETAIL PLAN



PLOT PLAN



LOCATION PLAN

GENERAL NOTES :
(For Bulk Petroleum Storage Installations)

1. ALL PIPES PASSING UNDER ROADS SHALL BE ENCASED IN MUMS PIPE SLEEVES OF ADEQUATE DIA
2. BARE PIPES, IF BURIED, SHALL BE WRAPPED AND COATED AS PER IS 10221 TO PROTECT AGAINST CORROSION
3. ALL PIPES SHALL BE BUTT WELDED OR SOCKET WELDED (FOR SIZES 40MB & BELOW) EXCEPT FOR EQUIPMENT/VALVES CONNECTIONS.
4. PIPES LAID ABOVE GROUND OR IN TRENCHES SHALL BE SUPPORTED AT SUITABLE INTERVAL AS PER STANDARD PRACTICE
5. NO OVERHEAD OR UNDERGROUND POWER CABLE SHALL PASS THROUGH THE TANK FARM AREA.
6. ADEQUATE FIRE EXTINGUISHERS SHALL BE PROVIDED IN THE TANK FARM AREA
7. THE FLOOR OF TANK FARM AREA INSIDE DYKE WALL SHALL BE RCC/ CEMENT CONCRETE (PUCCA) CONSTRUCTION & SLOPING TOWARDS OIL SUMP PIT. REF. COND. 3(I) TO 3(II) OF LICENCE IN FORM XV
8. THE OUTLET OF SUMP PIT IS PROVIDED WITH ISOLATION VALVE CAPABLE OF BEING OPERATED FROM OUTSIDE THE DYKE WALL. SUMP VALVE SHALL ALWAYS BE IN CLOSED POSITION & IT SHALL NOT BE USED FOR DRAINING RAIN WATER. REF. COND. 3(A) OF LICENCE IN FORM XV
9. OPENING IN DYKE WALL SHALL BE SEALED WITH PCC AFTER THE HYDRO-TEST OF PIPING IS COMPLETED
10. ENTIRE PETROLEUM STORAGE FACILITY IS FENCED BY MIN. 2000 MM HIGH FENCING
11. ALL VALVES DIRECTLY MOUNTED ON TANK SHALL BE IN FORGED/CAST STEEL CONSTRUCTION
12. THE TANKS SHALL REST ON RCC FONDATION. REF. COND. 3(I) OF LICENCE IN FORM XV
13. THE TANKS, MOTOR & ELECTRIC FITTING SHALL BE EARTHED AT 2 DISTINCTIVE POINTS ON DIAMETRICALLY OPPOSITE SIDES REF RULE 126
14. TANKS SHALL BE IN WELDED CONSTRUCTION AND MADE FROM MILD STEEL PLATE CONFIRMING IS - 2062
15. TANKS SHALL BE DESIGNED, FABRICATED, TESTED AND INSPECTED AS PER IS : 803 FOR VERTICAL CYLINDRICAL TANKS
16. ALL ELECTRICAL/ELECTRONIC FITTINGS VIZ. LIGHT FITTINGS, STARTERS/SWITCHES, MOTORS ETC., SHALL BE "FLAME PROOF" OF A TYPE APPROVED BY CHIEF CONTROLLER OF EXPLOSIVES, PESO NAGPUR AND SHALL BE AS PER IS/IEC 60079-1, IEC 60079-11 (OLD IS:2148) [REF RULE 126]
17. TANK VENT OPENING SHALL BE COVERED WITH NON-CORRODING METAL WIRE GAUGE OF 2 LAYER OF MIN. 11 MESH PER LINEAR CM REF COND. 4 OF LICENCE IN FORM XV
18. THE GROUND INSIDE THE FENCED AREA OF THE INSTALLATION AND THE PROTECTED AREA SURROUNDING IT SHALL BE CLEAN AND FREE FROM ALL VEGETATION, WASTE/RUBISH MATERIAL AND ANY FLAMMABLE ITEMS.
19. THE FILL POINTS SHALL BE PROVIDED AT APPROPRIATE PLACES.
20. "NO SMOKING" BOARDS, SHALL BE PROVIDED AT APPROPRIATE PLACES
21. THE DIP PIPE INSIDE THE TANK SHALL BE PERFORATED & COVERED WITH TWO LAYERS OF METALLIC WIRE MESH & SHALL BE NORMALLY KEPT COVERED WITH CAP AT THE TOP

CALCULATIONS OF DYKE WALL HEIGHT :-

NOMINAL CAPACITY OF LARGEST TANK	= 3033.5KL
HOLDING CAPACITY OF LARGEST TANK (H1)	= 1021.48M
TOTAL AREA OF TANK FENCE (TA)	= 809.03M²
TOTAL AREA OF DYKE (DA)	= 2466.2M²
NET STORED ENCLOSURE AREA(NA) AVAILABLE	
NDA = DA − TA	
= 2466.2M² − 809.03M²	
= 1530.04M²	
HEIGHT OF DYKE WALL (HDW) REQUIRED	
FOR H1 = NDA	
= 1921.48M² ÷ 1530.04M²	
= 0.97M	
ADD 200 MM FOR FREE BOARD,	
MAKING THE TOTAL HEIGHT OF DYKE REQUIRED = 1.17M	
PROVIDE DYKE WALL OF 1.5 M HIGH(H1)	
DYKE ENCLOSURE CAP. = NDA xH1	
= 3039.06 KL	

FOR SUFALAM INDUSTRIES LTD.

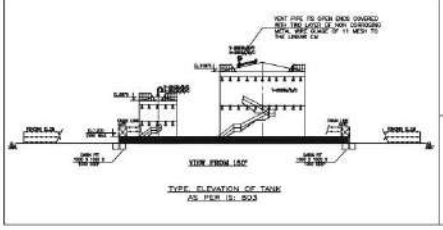
Mr. Harish Rajesh Agrawal
Signature & stamp
Designation: Director

REVISION	REV NO.	DATE	DETAILS
	0	17/05/24	RE- APPROVAL
	0	29/11/21	SUBMISSION FOR COE APPROVAL

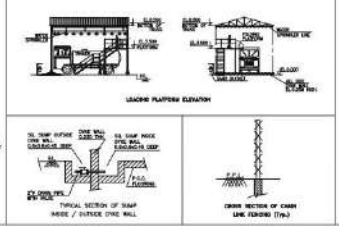
M/s. Sufalam Industries Limited

LOCATION / SITE ADDRESS PARTICULARS

PLOT NO.	: D-3 , DEORI INDUSTRIAL AREA		
VILLAGE	: DEORI	TALUKA	: DEORI
DISTRICT	: GONDIA	STATE	: MAHARASHTRA
PIN CODE	: 441901	NEAREST RLY. STN.	: GONDIA
NEAREST POLICE STN.	: MIDC DEORI POLICE STATION		
PROJECT	: PETROLEUM STORAGE INSTALLATION		
DRG. TITLE	: LAYOUT PLAN	DRG. NO.	P/SIL/NB/21/05-24
SHEET 1 OF 1	REV NO. - 0	SIZE	A1



TYPE ELEVATION OF TANK
AS PER IS: 803



LOADING PLATFORM ELEVATION

TYPICAL SECTION OF SUMP INSIDE / OUTSIDE DYKE WALL

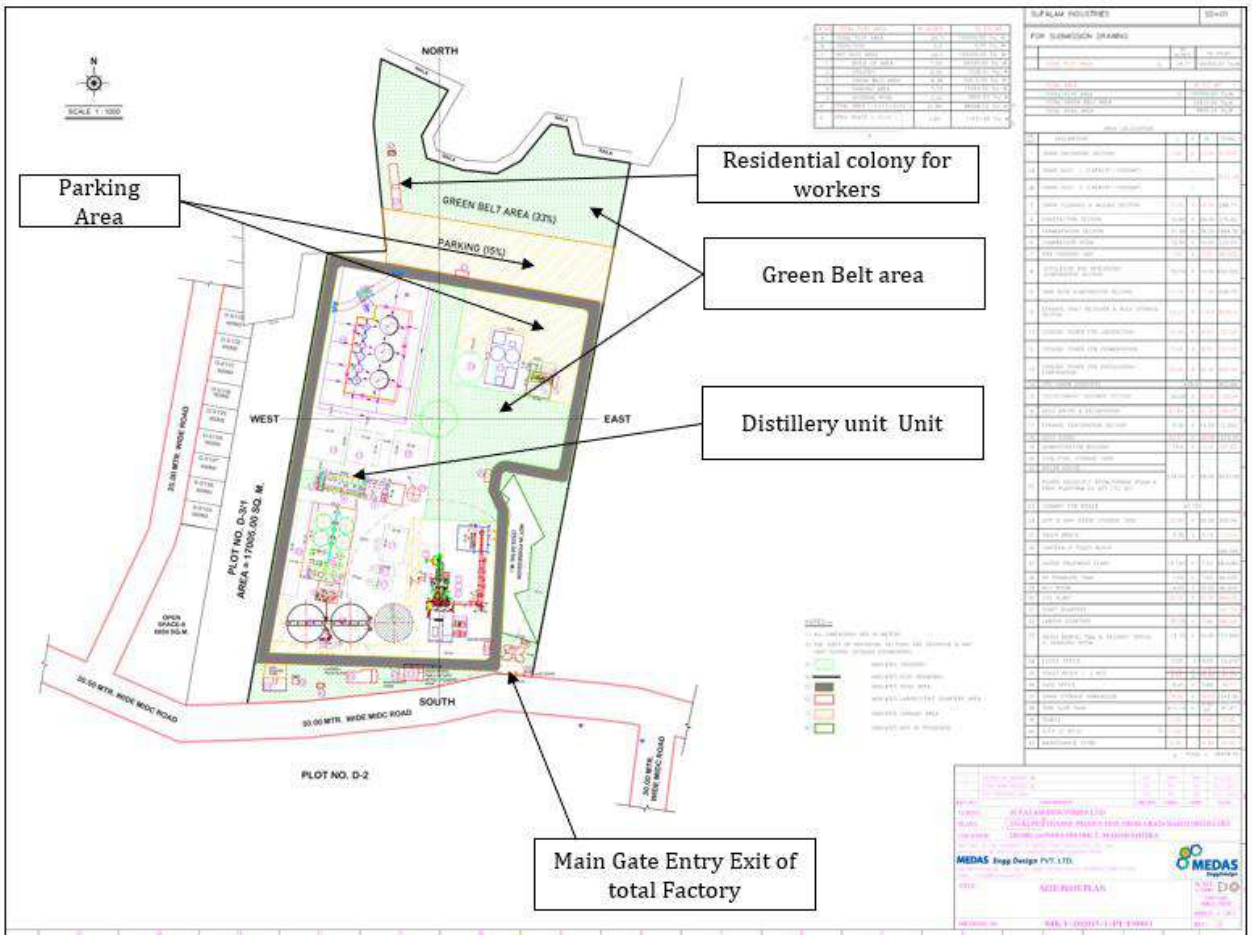
CROSS SECTION OF CHAIN LINK FENCING (Typ.)

SCHEDULE OF TNT. STORAGE TANK

TK NO.	PET. TO STORE	PET CLASS	SIZE IN MM	TANK VOLUME	STORAGE CAP. IN KL
T-2032A	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2032B	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2032C	ETHANOL	'A'	# 14630 x 18835 HT	3039.90 KL	3033.50 KL
T-2033A	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
T-2033B	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
T-2033C	ETHANOL	'A'	# 14630 x 11835 HT	3002.59 KL	1021.48 KL
			TOTAL @ 95%		6434.37 KL

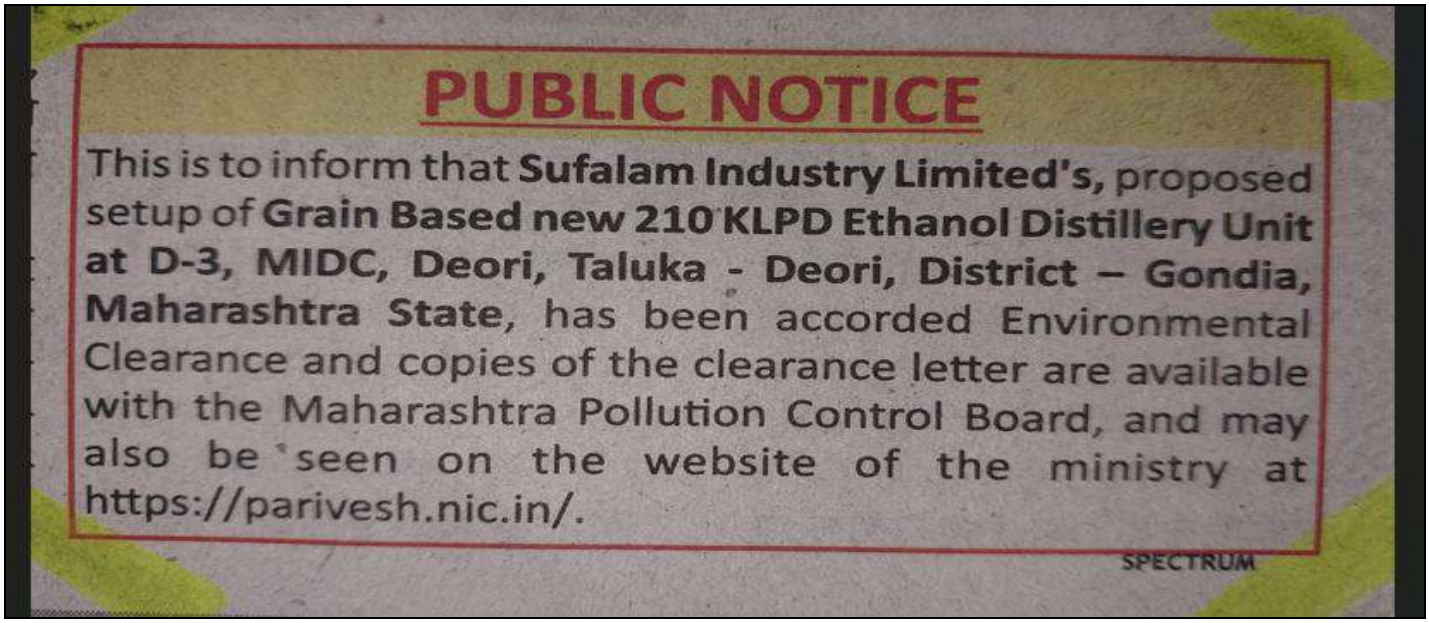
Location: West Circle [P5243151]
Date: 2024.06.28 11:42:45 +05'30'
Reason: Approved
Approved by: MOEF&CC, GOI, IA-MH-157482

Annexure 5 Parking Layout



Annexure 6 Advertisement in Local Newspaper

In English Newspaper



PUBLIC NOTICE

This is to inform that **Sufalam Industry Limited's,** proposed setup of **Grain Based new 210 KLPD Ethanol Distillery Unit at D-3, MIDC, Deori, Taluka - Deori, District – Gondia, Maharashtra State**, has been accorded Environmental Clearance and copies of the clearance letter are available with the Maharashtra Pollution Control Board, and may also be seen on the website of the ministry at https://parivesh.nic.in/.

SPECTRUM

In Marathi Newspaper



सार्वजनिक सूचना

सुफलाम इंडस्ट्रीज लि. द्वारा सर्व सामान्याला हे कळविण्यात येते की आमच्या, D-3, MIDC, देवरी, तालुका - देवरी, जिल्हा - गोंदिया, महाराष्ट्र राज्य, येथे धान्य आधारित नवीन 210 K L P D इथेनॉल डिस्टिलरी युनिटच्या प्रस्तावित कारखानयाला **पर्यावरणीय मंजुरी प्रदान** करण्यात आली आहे आणि मंजुरी पत्राच्या प्रती **महाराष्ट्र प्रदूषण नियंत्रण मंडळा च्या कार्यालयात** उपलब्ध आहेत आणि **मंत्रालयाच्या https://parivesh.nic.in/** या वेबसाइटवर सुद्धा पाहता येईल.