



File No: SIA/MH/IND2/453740/2024

**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), MAHARASHTRA)**

\*\*\*



Date 16/05/2025



To,

Mahendra Popat Wagh  
VASUNDHARA GREEN BIO-ENERGY PRIVATE LIMITED  
S.No 13/4a, Vithal Nagar, opp Akashwani Solapur Road , Pune, Maharashtra , , PUNE,  
MAHARASHTRA, , 411028  
vasundharagreen2022@gmail.com

**Subject:** Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/MH/IND2/453740/2024 dated 13/01/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B2504MH5578283N
(ii) File No.	SIA/MH/IND2/453740/2024
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	5(g) Distilleries
(vii) Name of Project	Expansion of Grain Based Distillery Plant at Gat No. 1190, Khadki, Tal -Daund, Dist. - Pune by M/s Vasundhara Green Bio-Energy Private Limited.
(viii) Name of Company/Organization	VASUNDHARA GREEN BIO-ENERGY PRIVATE LIMITED
(ix) Location of Project (District, State)	PUNE, MAHARASHTRA
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on . The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on , based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Mahendra Popat Wagh under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. General Instructions:
  - (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
  - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
  - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during perational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
  - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - (f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  - (g) Any appeal against this EC 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.
12. This issues with the approval of the Competent Authority

**Annexure 1**

## 1. Specific And Standard Environmental Conditions

S. No	EC Conditions
1.1	<p><b><u>Recommendations of SEAC:</u></b></p> <p>After detailed deliberations with the PP &amp; their accredited consultant, SEAC-1 decided to recommend the proposal to the SEIAA for the grant of prior Environmental Clearance subject to following:</p> <p><b><u>Specific Conditions:</u></b></p> <ol style="list-style-type: none"> <li>1.PP to submit approved layout plan for proposed project from the competent authority.</li> <li>2.PP to provide adequate capacity Carbon dioxide bottling facility and ensure that no Carbon dioxide shall be emitted in the atmosphere.</li> <li>3.PP to ensure that Total Fresh water requirement shall not exceed 5.1 KL/KL of RS/ENA &amp; 4 KL/KL of Ethanol production and will be met from Bhima River; No ground water recharge shall be permitted within the premises; PP to obtain permission for lifting of water from Bhima River from Water Resources Department.</li> <li>4.PP to include online monitoring system in capital as well as recurring cost in the EMP &amp; accordingly revise the EMP.</li> <li>5. PP to carry out physio-chemical analysis report of the yeast, CPU sludge proposed to be used as manure/soil conditioner and obtain approval from competent authority for its safe use on agricultural land.</li> <li>6.PP to submit copies of MOU executed with brick manufactures &amp; cement factories for disposal of boiler ash along with their quantities.</li> <li>7. PP to obtain PESO licence for the proposed project from the competent authority.</li> <li>8.PP to ensure close storage of all the raw materials and waste material so as to avoid odour nuisance.</li> <li>9. PP to submit list of proposed tree plantation; PP to ensure that indigenous tree saplings with minimum 5-6 feet heights should be planted in the green belt within 6 months as committed during the appraisal.</li> <li>10.PP to provide Continuous Environmental Monitoring System to the proposed stack emissions/effluent and connect the same to the CPCB and MPCB server.</li> <li>11.PP to provide appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</li> <li>12.PP to ensure that Spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. The condensate, spentlees and utilities effluent shall be treated in the ETP comprising tertiary treatment (Condensate Polishing Unit). Treated effluent will be recycled/reused for make-up water of cooling towers/process etc. and no waste or treated water shall be discharged outside the premises.</li> </ol> <p><b><u>Standard Conditions:</u></b></p> <ol style="list-style-type: none"> <li>1.PP to implement CER plan in consultation with the District Authority as per OM dated: 01/05/2018 issued by MoEF &amp; CC.</li> <li>2.PP to use new and renewable energy for illumination of office building, Street lights, Parking areas and maintain the same regularly.</li> <li>3.PP to provide separate energy meter for environmental facilities provided in the industry.</li> <li>4.PP to ensure storage of concentrated spent wash is as per CPCB guidelines.</li> <li>5.PP to ensure that all necessary precautions shall be taken to avoid accidents and action plan shall be prepared &amp; implemented for avoiding accidents. PP shall implement on site/Offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of the Hazardous Chemicals (MSIHC) Rules,1989 as amended time to time and the Chemical Accidents &amp; Emergency Planning, Preparedness and Response)</li> </ol>

S. No	EC Conditions
	<p>Rules, 1996 as amended time to time.</p> <p>6.PP to ensure that the gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.</p> <p>7.PP shall comply with all environmental protection measures and safeguards proposed in the documents submitted. All recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before &amp; after with geo -location date &amp; time) and other documents as applicable to the Regional Office of MoEF&amp;CC every year for the activities carried out during previous year.</p> <p>8.The occupational health Centre for surveillance of the workers' health shall be set up. The health data shall be used in deploying the duties of the workers. All workers &amp; Employees shall be provided with the required safety kits/ PPEs for personal protection.</p> <p>9.PP to ensure adequate treatment for Domestic sewage generated within project site &amp; ensure that treated water parameters meet the standards prescribed by MPCB &amp; CPCB.</p> <p>10.PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.</p> <p>11.PP to ensure that adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.</p> <p>12.PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. Low sulphur coal with maximum sulphur content of 0.5% shall only be used only in case of biomass unavailability.</p>

#### Additional EC Conditions

N/A

**Annexure 2**

#### Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Expansion of Grain Based Distillery Plant at Gat No. 1190, Khadki, Tal –Daund, Dist. – Pune by M/s Vasundhara Green Bio-Energy Private Limited.	
b.	Latitude and Longitude of the project site	18.35244849325167,74.68408589240057 18.35870168801193,74.68594775971799	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	8
		Forest Land (B)	0
		Total Land (A+B)	8.0



S. No.	Particulars	Details
d.	Date of Public Consultation	Public consultation for the project was held on
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	8500
g.	EMP Cost (in lacs)	260
h.	Employment Details	

**Details of Products & By-products**

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
Ethanol	Product	60	30	90	Kilo Litre per Day (KLD)	Road
RS	Product	0	90	90	Kilo Litre per Day (KLD)	Road
ENA	Product	0	90	90	Kilo Litre per Day (KLD)	Road
power	Product	2.5	0	2.5	Mega Watt (MW)	NA
DDGS	By-Product	30	16	46	TPD	Road
CO2	By-Product	45	27	72	TPD	Road

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/453740/2024  
Environment & Climate Change  
Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s Vasundhara Green Bio-Energy Private Limited,  
Gat No. 1190, Khadki, Tal –Daund, Dist. – Pune

Subject : Environmental Clearance for Expansion of Grain Based Distillery Plant at Gat No. 1190, Khadki, Tal –Daund, Dist. – Pune by M/s Vasundhara Green Bio-Energy Private Limited.

Reference : Application no. SIA/MH/IND2/453740/2024

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 283<sup>rd</sup> meeting under screening category 5(g) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 290<sup>th</sup> (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 24<sup>th</sup> April, 2025.

2. Brief Information of the project submitted by you is as below:-

1.	Location/ Town: Khadki	Taluka/ District: Pune
2.	Plot Area: 80000.00 sq/mts.	Category: -B1
3.	TOR Details: Terms of Reference, State Level Environment Impact Assessment Authority Maharashtra, vide letter File No.SIA/MH/IND2/415408/2023 dated 23 <sup>rd</sup> January 2023.	Previous EC Details: - Environment clearance for 60 KLPD ethanol grain-based plant from EAC, MOEF & CC on 31/08/2022 (EC identification number EC22A060MH121927 dated 31/08/2022 (Proposal number IA/MH/IND2/281236/2022).
4.	Violation Case: - No	CRZ NOC requires: - NO
5.	Layout plan approval authority: Town Planning & Valuation Department, Baramati	Approval plan details: NABP/MaujeKhadki/Tal Daund/G,N 1190 Pai/NrBA/1188 dated 20 <sup>th</sup> October 2022/
6.	Approved Construction area: 12992.13 Sq.m	No of Building: -
7.	Structural Stability Report: (No)	No of Floors: -
8.	Existing Green Belt area: - 27246.00 Sq/mtr	No of existing trees: -2500 nos.
9.	Proposed Green belt area: - NA	Nos. of proposed trees: 4250 nos.

10.	Previous EC compliance report details: - F. No. EC-2556/RON/2024 NGP/ 13433 dated on 12 <sup>th</sup> August 2024	Certified compliance inspection date: -30 <sup>th</sup> July 2024
11.	General/Specific conditions are applicable: No	
12.	Facility area:	Parking area: 9593.02 sq/mtrs
13.	Storage area:	Silo for grain and Fuel storage :1038.48 Sq.M Products; 5715 Sq.m

Product Details		
1.	Raw material	Grains (primarily maize and broken rice)
2.	Consumption (MT/D):	225 MT/M
3.	Hazard category:	No
4.	Storage space:	Silos Area; 298.48 Sq.m Fuel storage; 740 Sq.m
Production Details		
1	Product Name:	RS, ENA & Ethanol
2	Existing Capacity:	Ethanol: 60 KLPD
3	Proposed Capacity:	Ethanol: 30 KLPD and RS /ENA:90 KLPD
4	Total Capacity:	RS /ENA/Ethanol: 90 KLPD
5	Approving authority:	Ministry of Commerce & Industry, GoI

**Table No. 01**

Water quantity		
1	Water Requirement: (CMD)	Existing; Ethanol: 317 KLD Domestic: 15 KLD After Expansion; RS/ENA/Ethanol: - 343 KLD Domestic: 15 KLD
2	Source and permission:	Surface water: - Bhima River water, Industry has submitted application to Irrigation Department. letter dated VGBEL/14/2022-23 dated 20/07/2022.
3	Water consumption: (CMD)	Existing; Ethanol: 317 KLD Domestic: 15 KLD After Expansion; RS/ENA/Ethanol: - 401 KLD
4	Effluent generation: (CMD)	60 KLPD: Total 360 M3/day effluent is treated CPU having Capacity of 500 CMD. 90 KLPD: Total 423 M3/day effluent will be treated CPU having Capacity of 500 CMD. Existing 500 CMD capacity of CPU CMD is sufficient for proposed expansion.
5	Rain water harvesting details:	Rain water harvesting Storage tank having capacity of 35000 KL is provided.



**Table no. 02**

Water Requirement										
	Particulars	Consumption			Loss/Recycle			Effluent generation		
		Existing	Prop	Total	Existing	Prop	Total	Existing	Prop	Total
1	Industrial Process	348	184	532	0	0	0	Spent wash: 401	Spent wash: 217	Spent wash: 618
								Spent lees: 58	Spent lees: 29	Spent lees: 87
								Condensate: 271	Condensate: 132	Condensate: 403
2	Industrial cooling	400	50	450	335	20	355	20	5	25
3	Boiler	312	167	479	303	162	465	9	5	14
4	Domestic/ etc	15	0	15	3	0	3	12	0	12
5	Green Belt	12	0	12	12	0	12	0	0	0

**Table No. 3**

Sewage	
1	Sewage generation (CMD) 12
2	Sewage treatment and disposal STP & Will be used for green belt

**Table No. 4**

Effluent generation		
1	Quantity: (CMD)	60 KLPD: Spent wash:401 M3/day Spent lees: 58M3/day Other Effluent 95 M3/Day s 90 KLPD: Spent wash:618 M3/day Spent lees: 87 M3/day and Other Effluent 174 M3/Day.
2	High TDS/ COD Quantity: (CMD)	-
3	Low TDS/ COD Quantity: (CMD)	356 CMD
4	Effluent treatment Scheme (Brief information):	Vasundhara Bio energy has installed Decantation followed by Multiple Effect Evaporation & Dryer. Condensate & other effluent treated in CPU having capacity of 500 CMD.



5	ZLD Effluent treatment (Brief information):	Decantation followed by MEE and Dryer, condensate from MEE and other effluent treated in CPU and recycled in process.
6	CETP (Name & membership details)	NA
7	Parameters of treated effluent :(PH/TSS/ TDS/ COD/ BOD/ Heavy Metals/ Benzene/ etc.)	PH 6- 9,Chloride<250 Mg/L , Hardness < 5 Mg/L,TDS< 100 Mg/L, Residual Chlorine < 1 Mg/L.

**Table No. 5**

Solid Waste Management		
1	Type:	DDGS – (by product) (Dried distillers' grains with soluble)
2	Quantity (MT/D):	46
3	Source:	Process.
4	Disposal:	Sale as Cattle Feed, Poultry & Fisheries

Solid Waste Management		
1	Type:	CPU sludge
2	Quantity (MT/D):	1.5
3	Source:	CPU
4	Disposal:	Used as Manure

Solid Waste Management		
1	Type:	Yeast sludge
2	Quantity (MT/D):	0.35
3	Source:	process
4	Disposal:	Used as Manure

Solid Waste Management		
1	Type:	Boiler Ash
2	Quantity (MT/M):	4.6
3	Source:	Boiler
4	Disposal:	Sale to brick Manufacturer

**Table No. 6**

Fuel Consumption
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1	Type:	Bagasse or Biomass
2	Quantity (TPD):	200
3	For (Boiler/ DG set):	22 TPH
4	Ash (generation%):	2%
5	SO2 %:	0.05%
6	Air pollution control measures:	60m Stack height & ESP

**Table No. 7**

Energy		
1	Source of Power:	2.5 MW Co-generation power plant within the project site. Excess requirement will be taken from State Electricity Board
2	Demand (KVA):	2000 KVA
3	DG set (Capacity):	1000 KVA
4	Renewable energy details with budget allocation:	Solar Plant for lightening the area inside the premises

**Table No. 8**

Stack details with specification	
<b>Stack Details: -22 TPH Boiler.</b>	
Stack Height :60m	
Stack Diameter: 2.2 m DG set: - 1000 KVA	
Stack Height: - 6 m	

**Table No. 9**

Public Hearing		
1	Date:	04.08.2023
2	Compliance:	Measures taken to Prevent pollution from project, ZLD System, Green belt, Air pollution Control, Occupational Health.
3	Budget allocation:	<ul style="list-style-type: none"> <li>• Industry provided Zero Liquid discharge system to exiting distillery. Cost of Rs. 12.50CR for the ZLD.</li> <li>• Industry provided ESP and 60m Stack Baggas fire boiler of Rs. 2.00CR.</li> <li>• Green Belt Development: 25 Lakh</li> <li>• Monitoring system; 15 lakhs</li> </ul>
4	Time limit for implementation:	Before operation of Unit



5	MOM of public hearing attached: Yes (Yes)
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**EMP Implementation:**

1	Total/ Capital investment: ₹ 260 Lakh	Recurring Expenditure Provisions: ₹ 13.5 Lakh
2	G.B./ Plantation (Total no. of trees): 6750	Plantation Cost: ₹ 4.5 Lakh
3	Air/ Noise/ Water Pollution mitigation cost: ₹: - 250 lakh	
4	Employees Health checkup and insurance cost: ₹: - 5 lakh	
5	Bio- Toilet facility cost: ₹ 0	
6	Safety, Security, Drinking Water & Solar light etc. cost: ₹ 0	

**CER Implementation:**

1	Total budget: ₹	10 Lakh
2	Budget Provisions for School	
School	a) Water tank and RO Plant b) Separate Toilet facility for Boys and girls	10 Lakh

3. The proposal has been considered by SEIAA in its 290<sup>th</sup> (Day-2) meeting held on 24<sup>th</sup> April, 2025 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

**SEAC Conditions-**

**Specific Conditions:**

1. PP to submit approved layout plan for proposed project from the competent authority.
2. PP to provide adequate capacity Carbon dioxide bottling facility and ensure that no Carbon dioxide shall be emitted in the atmosphere.
3. PP to ensure that Total Fresh water requirement shall not exceed 5.1 KL/KL of RS/ENA & 4 KL/KL of Ethanol production and will be met from Bhima River; No ground water recharge shall be permitted within the premises; PP to obtain permission for lifting of water from Bhima River from Water Resources Department.
4. PP to include online monitoring system in capital as well as recurring cost in the EMP & accordingly revise the EMP.
5. PP to carry out physio-chemical analysis report of the yeast, CPU sludge proposed to be used as manure/soil conditioner and obtain approval from competent authority for its safe use on agricultural land.
6. PP to submit copies of MOU executed with brick manufactures & cement factories for disposal of boiler ash along with their quantities.
7. PP to obtain PESO licence for the proposed project from the competent authority.



8.PP to ensure close storage of all the raw materials and waste material so as to avoid odour nuisance.

9. PP to submit list of proposed tree plantation; PP to ensure that indigenous tree saplings with minimum 5-6 feet heights should be planted in the green belt within 6 months as committed during the appraisal.

10.PP to provide Continuous Environmental Monitoring System to the proposed stack emissions/effluent and connect the same to the CPCB and MPCB server.

11.PP to provide appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.

12.PP to ensure that Spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. The condensate, spentlees and utilities effluent shall be treated in the ETP comprising tertiary treatment (Condensate Polishing Unit). Treated effluent will be recycled/reused for make-up water of cooling towers/process etc. and no waste or treated water shall be discharged outside the premises.

**Standard Conditions:**

1.PP to implement CER plan in consultation with the District Authority as per OM dated: 01/05/2018 issued by MoEF& CC.

2.PP to use new and renewable energy for illumination of office building, Street lights, Parking areas and maintain the same regularly.

3.PP to provide separate energy meter for environmental facilities provided in the industry.

4.PP to ensure storage of concentrated spent wash is as per CPCB guidelines.

5.PP to ensure that all necessary precautions shall be taken to avoid accidents and action plan shall be prepared & implemented for avoiding accidents. PP shall implement on site/Offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of the Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time and the Chemical Accidents & Emergency Planning, Preparedness and Response) Rules, 1996 as amended time to time.

6.PP to ensure that the gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

7.PP shall comply with all environmental protection measures and safeguards proposed in the documents submitted. All recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo -location date & time) and other documents as applicable to the Regional Office of MoEF&CC every year for the activities carried out during previous year.

8.The occupational health Centre for surveillance of the workers' 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 the required safety kits/ PPEs for personal protection.

9.PP to ensure adequate treatment for Domestic sewage generated within project site & ensure that treated water parameters meet the standards prescribed by MPCB & CPCB.

10.PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.

11.PP to ensure that adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

12.PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. Low sulphur coal with maximum sulphur content of 0.5% shall only be used only in case of biomass unavailability.

#### **SEIAA Conditions**

1. PP submitted that Out of the total plant area, 2.70 Ha, i.e., 33% of the total plant area has already been developed as greenbelt & plantation and the same will be maintained. They have proposed total 6750 nos. of trees plantation within plot. Out of that 2500 nos. of trees were already planted & 4250 nos. of trees are proposed to be planted
2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
10. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
11. PP to provide roof top Rain Water Harvesting facility.

#### **General Conditions:**

- I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has



been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <http://parivesh.nic.in>

- II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
- VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
- X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- XII. The Environmental Statement for each financial year ending on 31<sup>st</sup> March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble



court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.


6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Jayashree Bhoj  
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Pune.
7. Regional Officer, Maharashtra Pollution Control Board, Pune.