



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

To,

The Chairman
 PARAG AGRO FOODS & ALLIED PRODUCTS PRIVATE LIMITED
 (PAFAPPL)
 At Pavadewadi, Tal Shirur, District Pune -412218

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 SEIAA vide proposal number SIA/MH/IND2/62696/2021 dated 04 Apr 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC23B022MH110534 |
| 2. File No. | SIA/MH/IND2/62696/2021 |
| 3. Project Type | Expansion |
| 4. Category | B1 |
| 5. Project/Activity including Schedule No. | 5(g) Distilleries |
| 6. Name of Project | Expansion of Sugar Unit from 4500 TCD to 7500 TCD, Cogeneration 14 MW to 32 MW and 45 KLPD to 100 KLPD distillery Project at Ravadewadi Tal. Shirur, District Pune, Maharashtra State by M/s Parag Agro Foods & Allied Products Private Limited (PAFAPPL) |
| 7. Name of Company/Organization | PARAG AGRO FOODS & ALLIED PRODUCTS PRIVATE LIMITED (PAFAPPL) |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | 19 Apr 2021 |

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

Date: 06/06/2023

(e-signed)
 Pravin C. Darade , I.A.S.
 Member Secretary
 SEIAA - (Maharashtra)

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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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/62696/2021
Environment & Climate Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s Parag Agro Foods & Allied Products Private Limited (PAFAPPL).
Ravadewadi Tal. Shirur, District Pune

Subject: Environmental Clearance for Proposed expansion of Sugar Unit from 4500 TCD to 7500 TCD, Cogeneration 14 MW to 32 MW and 45 KLPD to 100 KLPD distillery Project at Ravadewadi Tal. Shirur, District Pune by M/s Parag Agro Foods & Allied Products Private Limited (PAFAPPL).

Reference: Application no. SIA/MH/IND2/62696/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 226th meeting under screening under category 5(j) Sugar Industry, 1(d) Thermal Power Plant and 5 (g) Distillery B1 as per provisions of the EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 259th meeting (Day-3) of State Level Environment Impact Assessment Authority (SEIAA) held on 24.04.2023.

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

Sr. No.	Particulars Required	Details																				
1.	Proposal Number	SIA/MH/IND2/62696/2021																				
2.	Name of the project & Address along with all corner latitude and longitude	<div>Proposed Expansion Of Sugar Unit From 4500 TCD to 7500 TCD, 14 MW To 32 MW Cogeneration Project & 45 KLPD to 100 KLPD Distillery Project At Ravadewadi Tal. Shirur, District Pune, Maharashtra State by M/S. Parag Agro Foods & Allied Products Private Limited (PAFPPL)</div> <table><tr><th>Cor ner Num ber</th><th>Latitude and longitude</th><th>Corn er Num ber</th><th>Latitude and longitude</th></tr><tr><td>1</td><td>18°52'30.31"N 74°12'33.45"E</td><td>11</td><td>18°52'31.01"N 74°12'52.41"E</td></tr><tr><td>2</td><td>18°52'34.31"N 74°12'40.68"E</td><td>12</td><td>18°52'29.89"N 74°12'57.24"E</td></tr><tr><td>3</td><td>18°52'31.22"N 74°12'41.37"E</td><td>13</td><td>18°52'21.73"N 74°12'58.64"E</td></tr><tr><td>4</td><td>18°52'29.25"N 74°12'43.47"E</td><td>14</td><td>18°52'19.16"N 74°12'50.08"E</td></tr></table>	Cor ner Num ber	Latitude and longitude	Corn er Num ber	Latitude and longitude	1	18°52'30.31"N 74°12'33.45"E	11	18°52'31.01"N 74°12'52.41"E	2	18°52'34.31"N 74°12'40.68"E	12	18°52'29.89"N 74°12'57.24"E	3	18°52'31.22"N 74°12'41.37"E	13	18°52'21.73"N 74°12'58.64"E	4	18°52'29.25"N 74°12'43.47"E	14	18°52'19.16"N 74°12'50.08"E
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		5	18°52'29.85"N 74°12'47.57"E	15	18°52'20.08"N 74°12'45.39"E
		6	18°52'30.89"N 74°12'47.46"E	16	18°52'21.81"N 74°12'39.13"E
		7	18°52'32.19"N 74°12'46.32"E	17	18°52'21.54"N 74°12'35.95"E
		8	18°52'31.39"N 74°12'51.08"E	18	18°52'23.38"N 74°12'33.79"E
		9	18°52'21.70"N 74°12'51.67"E	19	18°52'26.96"N 74°12'33.64"E
		10	18°52'20.05"N 74°12'53.18"E		
3.	Type of Organization (Private/Government/Semi Government etc.)	Private			
4.	Correspondence Address and contact details of Project Proponent				
	Name	Shri Yaswardhan Prashant Dahake, Chairman			
	Regd. Office address	At Ravadewadi, Tal Shirur, District Pune,,Shirur,Pune,Maharashtra-412218			
	Contact number	9833344194			
	e-mail	paragagrocc@gmail.com			
5.	Type of project (ToR/EC/Amendment in ToR/Amendment in EC/ Revalidation / Expansion/Process change etc.)	Environmental Clearance			
6.	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A, B, B1, B2 etc. whichever is applicable)	B1			
7.	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)	TOR Obtained from SEIAA, Maharashtra on 19-04-2021 SIA/MH/IND2/62696/2021 dated 19 th April 2021			
8.	If earlier EC is obtained pl. mention EC Number & Date	Not Applicable			
9.	Whether the proposal is a violation case (yes/no)	No			
10.	Applicability of CRZ clearance (yes /no)	No			
11.	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No			
12.	Whether Scrutiny fees paid as per SEIAA guidelines (Yes/No); If yes pl give payment details	Yes , Rs 7.0 lakh paid to SEIAA on 01/08/2022 UTR number HDFCR52022080186063867			
13.	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	Ultra-Tech Environmental Consultancy & laboratory QCI- NABET Accredited Organization 206, 224-225, Jai Commercial Complex, Eastern Express Highway, Oppo. Cadbury, Khopat, Thane (W)-400 601 Maharashtra. Certificate/ Ext Letter No.: NABET/EIA/2023/RA0194 &			

		28th May 2021 Valid Up to : 9-3-2023							
14.	Name of layout plan approving Authority		ADTP,Pune						
15.	Estimated cost of Project (in Rs. Lakhs)		Total expansion Cost: 298.3 cr (Sugar expansion: 63.04Cr, Cogeneration : 107.29Cr & Distillery : 127.97Cr)						
16.	Area of project (in Sq. m.)								
	Total Plot Area (m2)		23.56 ha (235600 Sq.m)						
	Deductions (m2)		-						
	Net Plot area (m2)		-						
17.	Whether 33% green belt is provided (Yes/No)		Yes						
18.	Area of Green Belt & No. of trees in the proposed project in Sq. m. (Pl. provide 2000 trees per hectare of green belt area)		Green area- 7.841 ha (78410 Sq.m) (33%) No. of trees planted- 11761 Existing: 3463 Proposed:8298						
19.	Width of internal roads and turning radius		6.0 width and 9 m Turning radius						
20.	Details of proposed construction								
	Total Built-up Area (in Sq. m)		20837.19 Sq.m						
	No. of Buildings & its height in mtrs.								
21.	List of Raw materials & Storage Details (Pl. add on in the list if necessary)								
	S	Name of Raw Material	Existing consumption MT /Annum	Proposed consumption MT /Annum	Total Consumption MT /Annum	Storage	Hazards category	Proposed precautions to prevent accident	Remark
	1	Sugarcane	720000 MT	480000 MT	1200000 MT	Cane yard	-	-	-
	2	Bagasse for cogeneration	144653 MT	153600 MT	298253 MT	Bagasse yard			
	3	Bagasse for Incineration Boiler	23760MT	19891	43651.00 MT				
	3	Distillery							
		C- Molasses (off season)	C- molasses: 21481.48MT /Y (Procured)	-	C- molasses: 21481.48 MT/Y (Procured)	5218 MT & 13500 MT Stored in Mild steel tanks			
		B-Heavy Molasses (Season)			B- Molasses: 78064.51 MT/Y (Own Sugar unit)	constructed as per guidelines of PESO			
22.	Production Details								

	Description	Products MT/annum			
		Existing	Expansion	After expansion	
	Sugar	82800 MT	55200 MT	138000 MT	
	Cogeneration	14 MW	18MW	32MW	
	Distillery (RS/ENA/Ethanol)	45KLPD +1.5 MW	55KLPD+1.0 MW	100KLPD+2.5MW	
23.	Water Consumption & Effluent generation (All units in CMD)				
	i)Source & Qty of water requirement (in CMD):		Source- Ghod River Fresh Water requirement 1741 CMD		
	ii) Water supply permission obtained (Yes/No) & approving Authority		Yes, Permission of Irrigation Department is obtained		
All Figures are in CMD Sugar & Cogeneration:					
Sr. No.	Particulars	Water Input cum/d	Loss	Wastewater out cum/d	
Domestic					
1	Domestic	25	2.5	22.5	
Industrial					
1	Regeneration De-min	35	10	25	
2	Boiler Make up	240	40	200	
3	Cooling makeup	60	30	30	
4	Process	800	50	750	
5	Pump Sealing & cooling water	30	5	25	
6	Floor and vessel washing	15	5	10	
7	Green Belt	500*	500	-	
	Total	1680	640	1040	
Distillery :					
Sl. No.	Consumption point	Fresh Water	Recycle	Total	Effluent
1.	Process Water	388	318	706	715 Spent wash +150 Spent lees
2.	Boiler Makeup	75	0	75	15
3.	Cooling Tower Makeup	0	432	432	43
4.	Washing	10	0	10	10-
	Total	473	750	1223	933
24.	Quantity of sewage generation (in CMD)		25 CMD		
25.	Details of Sewage Treatment and Disposal of treated sewage:		40 CMD STP .		
26.	Detail of Effluent Generation (unit				

CMD)					
Sugar & Cogeneration					
Sr. No.	Particulars	Water Input cum/d	Loss	Wastewater out cum/d	
1	Regeneration De-min	35	10	25	
2	Boiler Make up	240	40	200	
3	Cooling makeup	60	30	30	
4	Process	800	50	750	
7	Pump Sealing & cooling water	30	5	25	
8	Floor and vessel washing	15	5	10	
9	Green belt	500 *	500	-	
	Total	1680	640	1040	
Distillery					
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3.	Cooling Tower Makeup	0	432	432	43
4.	Washing	10	0	10	10-
	Total	473	750	1223	933
27.	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Distillery Unit will be Zero Liquid Discharge Sugar and cogeneration treated effluent will be used for green belt.			
28.	Brief Description of Effluent Treatment scheme	Sugar and Cogeneration: Effluent 1040 M3/day generated from sugar and cogeneration unit will treated in 1200 M3/day capacity ETP. Distillery: Spent wash Treatment: Multi-effect evaporation (MEE) followed by incineration in boiler. Other effluent: spent lees, condensate and CTBD and boiler Blowdown will be Treated in CPU.			
29.	Qty. of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	No			
30.	Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB				
	Parameter	Inlet concentration (Mg/L)	Outlet concentration (Mg/L)		
	pH	4-5	6.5-8.0		

TSS	1000-1500	Nil
TDS	1500-2500	300
COD	8500-10000	200
BOD	3000	100
Heavy Metals	-	-
Benzene	-	-
Others if any	-	-

31.	<p>Brief Note on proposed Rainwater harvesting scheme along with budget allocation:</p>	<ul style="list-style-type: none"> We have proposed one rain water harvesting tank of rectangular shape and capacity of 2500 M³. We have proposed 10-number recharge pit in 20.94 ha of area to recharge ground water An average recharge capacity per bore well will be 103.14 M³ per day (approx.) Considering 60 days rainfall: Average 6188.7 m³ water will be recharged per recharge pit per annum. <p>Budget Allocated: - Capital Expenditure- 25 Lakh Recurring Expenditure- 2 lakh.(per annum)</p>
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32.	Solid Waste management							
	No.	Type of waste	Waste & Quantity		Total	Unit	Treatment	Disposal
			Existing	Proposed				
	Non-Hazardous							
	1	Bagasse	216000	144000	360000	TPA	-	Used as fuel in cogeneration
	3	Press Mud	30600	20400	51000	TPA	Compost	Sold to farmer
	3	Bagasse Ash	3072	2895	5967	TPA	-	Will be sold to brick manufacturer
	4	Incineration Boiler Ash	-	9800	9800	TPA	--	Will be sold to brick manufacturer
	5	ETP Sludge	1.2	2	3.2	TPD	-	Used as soil conditioner
	6	Yeast Sludge		15	15	TPD	-	Burnt in to incineration boiler
	Hazardous Waste							
8	5.1- Used Oil	2.5	2.5	5	KL/Yr	-	Burnt in Cogen Boiler	

33.	Hazardous Waste Generation & Disposal (As per HW Rule 2016)							
No.	Type of waste	Waste & Quantity		Total	Unit	Treatment	Disposal	
		Existing	Proposed					
1	5.1- Used Oil	2.5	2.5	5	KL/Yr	-	Burnt in Cogen Boiler	

34.	Fuel Consumption		<ul style="list-style-type: none"> Existing 85 TPH Boiler : Bagasse: 144653 MT /annum Proposed 100 TPH Boiler: Bagasse: 153600 MT /annum 22 TPH Incineration Boiler: 43651.2 MT Conc. Spent wash 9TPH 		
35.	Brief Note on Air Pollution Control equipment's		<ul style="list-style-type: none"> Existing 85 TPH Boiler: Separate 60 m stack height and ESP Proposed 100 TPH Boiler 72 m stack height and ESP Distillery 16 TPH boiler will be upgraded to 22 TPH : 60 m stack height and ESP. 		
36.	Stack Details (Also include process vent details)				
	Sr.	Source	Fuel	Emissions	Control Measures
	1	Existing 85 TPH Boiler	Bagasse	Particulate Matter, SO ₂ and NO _x	72 m stack and ESP
	2	Proposed 100 TPH Boiler	Bagasse	Particulate Matter, SO ₂ and NO _x	Existing 72m stack height to be used.
	3	Distillery Boiler 16 TPH upgrade to 22 TPH	Bagasse and Conc. Slop	Particulate Matter, SO ₂ and NO _x	60 m height and ESP
	4	500 KVA	HSD	PM , SO ₂ and NO _x	6.0 m stack
37.	Energy				
	a) Source of power Supply:		Own Generation		
	b) Maximum Demand (KVA):		<ul style="list-style-type: none"> Sugar 7.50 MW Co-gen –2.88 MW Distillery – 2375KW 		
	c) whether DG sets will be provided (Yes/No):		Yes		
	If yes		DG set of 500KVA with 4.0m stack height.		
	d) Please Mention if high tension line is passing through the plot: Yes /No		No		
	If yes, pl. give details of safety measures adopted:		Not Applicable		
38.	Details of use of renewable energy with budget allocation				
	i) Total Energy Demand		Not any		
	ii) Proposed renewable energy source capacity		Biomass ((bagasse) based power generated in and will be used in sugar & distillery		
	iii) Proposed Budget (in Rs. Lakhs):				
	iv) Timeline for implementation:				
39.	Details of public hearing (if applicable)				
	i) Place of public hearing:		M/s. Parag Agro Foods & Allied Products Private Ltd (PAFAPPL) At Ravadewadi, Tal. – Shirur, District – Pune, Maharashtra		
	ii) Date of public hearing:		29 th September, 2021		
	Please fill following details				

Sr. No.	Issued raised during public hearing	Applicant plant for its compliance / implementation	Budget allocation for implementation	Specific Time line for compliance
1.	<p>Shri Pravin Ananda Pawar, Residence- Aamdabad, Tal- Shirur, Dist.- Pune:-</p> <p>I am a farmer and do farming in this area. My Sugarcane crop is also delivered in this project. I request to reduce the severity of the pollution caused by the proposed expansion of the distillery project. The pollution may be of water or air, so all the pollution control devices should be kept in operation effectively. I support the expansion of the project and my village is 8.0 km away from the project site.</p>		<p>Pollution control devices-</p> <p>Capital Expenditure- 400 L</p> <p>Recurring Expenditure- 20 L</p>	Before Operation of the project
2.	<p>Shri Popat Baban Rohile, Residence At- Rohilewadi Post – Kawathe Yamai, Tal- Shirur, Dist- Pune:-</p> <p>When this project will be commissioned?</p>	<p>The Managing Director of the project Proponent answered that part distillery project will be commissioned in this year and remaining proposed expansion will be commissioned in next year. The total expansion will be in operation in next 1-2 years.</p>	<p>Sugar expansion: 63.04Cr</p> <p>Cogeneration: 107.29Cr</p> <p>Distillery: 127.97Cr</p>	
3.	<p>Shri Yogesh Mohanrao Thorat, Residence- At Post- Aamdabad, Tal- Shirur, Dist- Pune:-</p> <p>My village is 8.0km away from the project site. How the local farmers will be benefited from this expansion of project? Will it raise the economic status?</p>	<p>Managing Director of the project Proponent informed that from either Distillery project or co-gen project, it will help to improve the economic</p>	<p>Company has proposed Rs. 2.98 crore as CER fund.</p>	Within 3 years

			condition of the factory, which will enable project proponent to pay higher prices for sugarcane to farmers. Many social welfare schemes were implemented under the CSR fund in the area. This can be continued in future also.		
4.	Shri Santosh Mhatarba Gaikwad, Residence- Pimparkhed, Tal- Shirur, Dist- Pune:- Due to expansion of the project, the industrial effluent will be generate. Hence what measures have been taken to control the pollution?	Project Environment Consultant answered that due to expansion of the project the trade effluent which will be generated will be treated and reused for the green belt development. The proposed Distillery unit will be ZLD i.e. Zero Liquid Discharge project. Not a drop of treated effluent will be discharged to the outside of factory. The spent wash which will be generated in the distillery unit will be treated in MEE (Multi Effective Evaporator) and it will converted in to steam. The water will be recycled and reused in the distillery unit (and remaining solids	Water & Wastewater management 1. ETP upgradation- Capital expenditure- 50 Lakhs Recurring Expenditure- 15 Lakh/Annum 2. MEE- Capital expenditure-400 Lakh Recurring Expenditure- 10 Lakh/Annum 3. Condensate Polishing Unit (CPU)- Capital expenditure- 150Lakh Recurring Expenditure- 10 Lakh/Annum	Before operation of the project	

		will be burnt in the boiler).		
5.	<p>Shri Sunanda Reddy, Environmentalists, President, Paryawaran Parirakshana Sanstha, Shivajinagar, Nalgonda District, Telangana State:-</p> <p>I congratulate project proponent for taking in hand the expansion of the project. I am the first Environmentalist, who supports the project. In India, most of the Environmentalist do oppose the project, but I support the project. As per my opinion, unemployment is major pollution in the society. In India, there are 40 crores unemployed boys and girls in the age of 18-35. It is essential to get job opportunities to them. Everybody will not get government jobs. Many environmentalists blame industries for the health issues. But 85% of Indian are not staying near project. He support the project with following suggestions:</p> <ul style="list-style-type: none"> • The survey of Health and Education also be carried in the distance of 10km of the project. • Project Proponent should carry the ground water survey of 10km radius from the project. I suggest that the water storage tank shall be built to save the rain water and the stored rain water be used for the process. The avenue plantation be carried out on the roads of 		<p>1.Environment Monitoring (stack, Ambient Air, Water and Soil and Noise) and meteorology - Recurring Expenditure- 4.25 Lakh/Annum</p> <p>2. Rain Water Harvesting- Capital expenditure- 25lakhs Recurring Expenditure- 2 lakhs/annum</p> <p>3. Green Belt Development- Capital expenditure- 25lakhs Recurring Expenditure- 2 lakhs/annum</p> <p>Company has proposed Rs. 2.98 crore as CER fund.</p>	

		<p>the area. It will protect from the dust pollution.</p> <ul style="list-style-type: none"> • While carrying the green belt development in the nearby villages, fruit bearing plants and medicinal plants be cultivated. The skill development programme should be implemented in the nearby villages for young boys and girls. Due to which, locals will get job opportunities in this and other projects. • A co-ordination committee should be constituted to implement various schemes under CSR Fund in which company officials, officials of government department, local representatives included. • Please do conduct Health Camps in the scheduled time. Also Immunity safety programme should be implemented. 			
1.	Shri A, Venkatesh Reddy, NGO:-	Project should be kept neat. Most advanced technology should be installed and operated, local people should be given job opportunities. The project should be sanctioned immediately.			
2.	Shri. Sundarshan, NGO:-	While supporting the project, he suggested that Bal kamgar/child labour should		Company has proposed Rs. 2.98 crore as CER fund.	

		not be allowed for workings. Local people should be given job opportunities. CSR fund should be spent on the basic education. Safety and security system be provided in the factory. We support the project.			
40.	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)				
	S. No.	Environmental Aspect	Capital Expenditure Rs in lakh	Recurring Expenditure Rs in lakh.(per annum)	
	Construction Phase				
	1	Water sprinkling for dust suppression	-	1.0	
	2	Drinking water and Sanitation facility for workers	5.0	0.50	
	3	Monitoring of Ambient Air quality for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x	-	0.50	
	4	Monitoring Noise level	-	0.25	
	5	Health Checkup of worker		0.50	
			5.0	2.75	
	Operation Phase				
	1	Air Emission control			
		Stack	90	5	
		ESP	110	10	
		CO2 Plant	200	5	
	2	Water & Wastewater management			
		ETP upgradation	50	15	
		MEE	400	10	
		Condensate Polishing Unit (CPU)	150	10	
	3	Solid Waste Management	25	5	
	4	Green Belt Development	15	5	
	5	Environment Monitoring (stack, Ambient Air, Water and Soil and Noise) and meteorology	-	4.25	
	7	Rain Water Harvesting	25	2	
	9	Health & Safety	5	1	
	10	Online Monitoring System	15	2	
		Total	1085	74.25	
41.	Other Relevant Information: (Pl. provide brief note on proposed project)		Not Any		
42.	Details of skill development program within Organization		Industry shall provide adequate skill development courses as and when required		
43.	Details of environmental Monitoring Cell		Industry has Constituted environmental Monitoring Cell		

	(Pl. provide organogram with educated Qualification and experience)	and same shall be incorporated in the EIA Report
44.	Details of court cases if pending in any Hon'ble court	Not Any

3. The proposal has been considered by SEIAA in its 259th meeting (Day-3) 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:

A) SEAC Conditions

1. PP to obtain water lifting permission from the Competent Authority to lift water from KT weir Nimbgaon Dude on Ghod River.
2. PP to submit point wise compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance.
The specific actions of greenbelt with medicinal plants and training/skilling of local population should be given priority with expert advice.
3. PP to complete development of mandatory green belt immediately with the provision of drip irrigation and submit photographs. PP to plant tree sapling of 3-4 feet height.
4. PP to submit calculations for stack height as PP is having existing stack height of 72 meters for 85 TPH boiler and the same height is proposed for new 100 TPH boiler. PP to get the design done by a reputed institution and modify air modelling carried out earlier.
5. PP to identify the higher values observed in the baseline data collected for air, water, soil, noise and integrate same with their Environmental Monitoring Plan as to have check on it.
6. PP to provide Zero Liquid Discharge Effluent Treatment for distillery unit. PP to explore possibility to assess techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapour compressor etc. so as to reduce operation cost and use of natural resources. The treated effluent from sugar unit will be used for gardening.
7. PP to ensure enclosed storage with impervious flooring of all raw materials and chemicals, no open storage be practiced so as to avoid odour nuisance and its impact on the soil in case of spillage.
8. PP to submit copies of MoU executed with the brick manufacturer for disposal of boiler ash along with their quantities if any.
9. PP to provide asphaltting on all internal roads so as to reduce particulate matter pollution during plying of vehicles within the premises.
10. PP to provide Sewage Treatment Plant for treatment of domestic sewage and ensure all standard parameters are met as per requirements of CPCB/MPCB.
11. PP to carry out physiochemical analysis report of the ETP sludge proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land
12. PP to ensure to reduce spent wash generation within 6-8 KL/KL of alcohol produced
13. PP to ensure to utilize CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.
14. PP to ensure to restrict fresh water consumption within 10 KL/KL of alcohol production
15. PP to prepare and submit detailed plan to control odour nuisance through proper technological interventions for odour control

16. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.
17. PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.

B) SEIAA Conditions:

1. PP submitted that they have obtained plan approval from ADTP Pune dated 19.01.2023 for Plot area of 216700.00 m², Green Belt area of 29694.20 m² and additional Green Belt of 48713.80 m² and Total Green Belt of 78408.80 m² (36.18%) is provided.
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.
12. PP to ensure that proposed project is ZLD.

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 and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st 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 31st 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, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Pravin Darade
(Member Secretary, SEIAA)

Copy to:

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

Signature Not Verified

Digitally signed by Shri Pravin C. Darade, I.A.S.
Member Secretary

Date: 6/6/2023 1:48:56 PM