

ENVIRONMENTAL  
CLEARANCE



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

To,

The CEO  
POLYGENTA TECHNOLOGIES LIMITED  
Polygenta Technologies Limited, Gat No. 265/1, 266, Village Avankhed,  
Taluka Dindori, District Nashik -422202

**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/IND2/251563/2022 dated 01 Apr 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC22B019MH116596   |
| 2. File No.                                   | SIA/MH/IND2/251563/2022  |
| 3. Project Type                               | New  |
| 4. Category                                   | B2   |
| 5. Project/Activity including<br>Schedule No. | 5(d) Manmade fibres manufacturing  |
| 6. Name of Project                            | Application for Environment Clearance of<br>PET Recycling and manufacturing of<br>91,250 TPA PET products (Recycled PET<br>chips, Recycled Oligomer, Partially<br>Oriented Yarn, Fully drawn Yarn) and<br>Recovery of 73,000 TPA of Mono<br>Ethylene Glycol used in PET Recy |
| 7. Name of Company/Organization               | POLYGENTA TECHNOLOGIES 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: 17/08/2022

(e-signed)  
Manisha Patankar Mhaiskar  
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.*

*This is a computer generated cover page.*

PARIVESH

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and Virtuous Environmental Single-Window Hub)



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/IND2/251563/2022  
Environment & Climate Change  
Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s.Polygenta Technologies Ltd,  
Gat No. 48, 49/1, 49/2, Village Avankhed,  
Taluka Dindori, Dist. Nashik

**Subject** : Environmental Clearance for Application of PET Recycling and manufacturing of 91,250 TPA PET products (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn) and Recovery of 73,000 TPA of Mono Ethylene Glycol used in PET Recycling at Gat No. 48, 49/1, 49/2, Village Avankhed, Taluka Dindori, Dist. Nashik by M/s.Polygenta Technologies Ltd

**Reference** : Application no. SIA/MH/IND2/251563/2022

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in 224<sup>th</sup> meeting under screening category 5 (d) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 246<sup>th</sup> (Day-3) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr.	Particulars Required	Details															
1	Name of the project & Address along with all corner latitude and longitude	<p>Application for Environment Clearance of PET Recycling and manufacturing of 91,250 TPA PET products (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn) and of 73,000 TPA of Mono Ethylene Glycol used in PET Recycling at Gat No. 48, 49/1,49/2, Village Avankhed, Taluka Dindori, Dist. Nashik-422202 by Polygenta Technologies Limited</p> <table border="1" data-bbox="895 1832 1370 2038"> <tr> <td>Corner 1</td> <td>Lat</td> <td>20°14'8.20 N</td> </tr> <tr> <td></td> <td>Long</td> <td>73°50'59.06"E</td> </tr> <tr> <td>Corner 2</td> <td>Lat</td> <td>20°13'55.98"N</td> </tr> <tr> <td></td> <td>Long</td> <td>73°50'56.96"E</td> </tr> <tr> <td>Corner</td> <td>Lat</td> <td>20°13'59.70"N</td> </tr> </table>	Corner 1	Lat	20°14'8.20 N		Long	73°50'59.06"E	Corner 2	Lat	20°13'55.98"N		Long	73°50'56.96"E	Corner	Lat	20°13'59.70"N
Corner 1	Lat	20°14'8.20 N															
	Long	73°50'59.06"E															
Corner 2	Lat	20°13'55.98"N															
	Long	73°50'56.96"E															
Corner	Lat	20°13'59.70"N															

		3	Long	73°50'49.08"E									
		Corner	Lat	20°14'7.35"N									
		4	Long	73°50'51.04"E									
2	Type of Organization (Private / Government/ Semi Government etc.)	Private											
3	Correspondence Address and contact details of Project Proponent	Name	<b>Mr. Makarand Kulkarni</b>										
		Address	Gat No:265/1,266, Village Avankhed, Taluka: Dindori, Dist: Nashik Pin 422002										
		Tel.	02557-228182										
		Mobile no.											
		Email id	mkulkarni@polygenta.com										
4	Type of project (ToR/ EC/ Amendment in ToR/ Amendment in EC/ Revalidation/ Expansion/ Process change etc.)	Fresh EC											
5	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A, B, B1, B2 etc. whichever is applicable)	5(d) B2											
6	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)	Not Applicable											
7	If earlier EC is obtained pl. mention EC Number & Date	Not Applicable											
8	Whether the proposal is a violation case (yes/no)	No											
9	Applicability of CRZ clearance (yes / no)	No											
10	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No											
11	Whether Scrutiny fees paid as per SEIAA guidelines (Yes/ No); If yes pl give payment details	The Scrutiny fee was paid on 05.10.2021 vide UTR. No.: RATNN21278556687											
12	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	<table border="1"> <tr> <td>1</td> <td>Name</td> <td>Envision Environmental Services</td> </tr> <tr> <td></td> <td>Accreditation no.</td> <td>QCI/NABET/ENV/ ACO/20/1212</td> </tr> <tr> <td>2</td> <td>Name</td> <td>Mahabal Enviro</td> </tr> </table>			1	Name	Envision Environmental Services		Accreditation no.	QCI/NABET/ENV/ ACO/20/1212	2	Name	Mahabal Enviro
1	Name	Envision Environmental Services											
	Accreditation no.	QCI/NABET/ENV/ ACO/20/1212											
2	Name	Mahabal Enviro											

					Engineers Pvt. Ltd.	
				Accreditation no.	NABET/EIA/1821/0160	
13	Name of layout plan approving Authority	Town planning-Nashik				
14	Estimated cost of Project (in Rs. Lakhs)	Rs.49000 lakhs				
15	Area of project (in Sq.m.)	Plot area: 73,900 m <sup>2</sup> Construction Area: 46,986.78 m <sup>2</sup>				
16	Whether 33% green belt is provided (Yes/No)	Yes				
17	Area of Green Belt & No. of trees in the proposed project in Sq.m. (Pl. provide 2000 trees per hectare of green belt area)	24,387 m <sup>2</sup> of green belt area has been proposed. There 4,877 no. of Proposed trees				
18	Width of internal roads and turning radius	Internal roads width: 12 m Turning radius: 7.5 m				
19	Details of proposed construction	Total Built-up Area m <sup>2</sup>				4
		No. of Buildings & its height in m.				
20	<b>List of Raw materials &amp; Storage Details (Pl. add on in the list if necessary)</b>					
	<b>Sr.</b>	<b>Name of the Raw Material</b>	<b>Consumption Mt/month</b>	<b>Maximum storage details</b>	<b>Hazard Category</b>	<b>Proposed precautions to prevent Accident</b>
	1.	PET Flakes	7,984.4	-	Non-Hazardous	-
	2.	Virgin Ethylene Glycol	289	-		Avoid contact with skin, eyes, and clothing
	3.	Catalyst (Antimony trioxide/ Tri-Glycolate)	1.36	-	Category 2	Avoid contact with skin, eyes, and clothing
	4.	Titanium Dioxide - TiO <sub>2</sub> (Dulling Agent)	23.34	-	Non-Hazardous	Ensure Adequate ventilation . Avoid dust formation

5.	Global PRT Blue (BT)	0.525	-	Non-Hazardous	Avoid contact with skin, eyes, and clothing	--
6.	Global PRT Red (RT)	0.3	-	Non-Hazardous	Avoid contact with skin, eyes, and clothing	-
7.	Cetile-545	10.74	-	Category 2	Avoid contact with skin, eyes, and clothing	-
8.	Caustic	3.65	-	Category 4	-	-
9.	Orthophosphoric Acid (OPA)	0.60	-	Category 4	Avoid contact with skin, eyes, and clothing	-
10.	Spin Finish Oil	8.10	-	-	-	-
<b>2</b>	<b>Production Details</b>					
<b>1</b>	<b>Sr.</b>	<b>Name of product</b>	<b>Existing capacity Mt/month</b>	<b>Proposed Capacity Mt/month</b>	<b>Total Capacity Mt/month</b>	<b>Name of Products approving authority (like FDA of pharmaceutical etc.)</b>
	1.	PET product (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	0	7,604	7,604	NA
	2.	Co-Product Residue from Ethylene Glycol Recovery Plant	0	304	304	NA
		<b>Total</b>		<b>7,908</b>	<b>7,908</b>	<b>NA</b>
<b>2</b>	<b>Water consumption &amp; Effluent generation (All units in CMD)</b>					
<b>2</b>	(i)	Source & Quantity of water requirement (in CMD): Ozarkhed Dam, Nashik				
	(ii)	Water supply permission obtained (Yes/No) & approving Authority: Irrigation Department				

	Particulars	Consumption (CMD)			Loss (CMD)			Effluent Generation (CMD)		
		Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
	<b>Industrial Process</b>	0	120	120	0	24	24	0	96	96
	<b>Industrial Cooling</b>	0	320	320	0	0	0	0	0	0
	<b>Boiler</b>	0			0	0	0	0	0	0
	<b>Domestic Purpose</b>	0	40	40	0	4	4	0	36	36
	<b>Green Belt</b>	0	122	122	0	0	0	0	0	0
	<b>Other (Specify if any)</b>	0	0	0	0	0	0	0	0	0
	<b>Total</b>	0	600	600	0	28	28	0	132	132
2 3	Quantity of sewage generation (in CMD)					36 m <sup>3</sup> /day				
2 4	Details of Sewage Treatment and Disposal of treated sewage					The sewage generated will be treated in the proposed Sewage Treatment Plant (STP) of 40 m <sup>3</sup> /day of capacity.				
2 5	<b>Detail of Effluent Generation (unit CMD)</b>									
	<b>Particulars</b>					<b>Existing</b>		<b>Proposed</b>		<b>Total</b>
	a) Quantity of Effluent generation: (CMD)					0		96		96
	b) Quantity of high TDS/COD effluent (CMD)					0		0		0
	c) Quantity of low TDS/COD effluent (CMD)					0		0		0
2 6	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)					Yes				
2 7	Brief Description of Effluent Treatment scheme					The raw effluent from the Softener Regeneration is generated twice a week & effluent from the wash line, Continuous Poly, POY and other. process effluents are generated on a daily basis. These are collected in sump tanks & pumped to the Effluent Treatment plant for primary, secondary and Tertiary treatments so as to meet				

		MPCB norms.				
2 8	Qty of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	Nil				
2 9	<b>Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB</b>					
	<b>Parameters</b>	<b>Inlet concentration (mg/L)</b>			<b>Outlet concentration (mg/L)</b>	
	pH	3-4			6.5-8.5	
	TSS	700			<100	
	TDS	10000			<500	
	COD	3000			<100	
	BOD	10000			<250	
	Heavy metals	-			-	
	Benzene	-			-	
	Other if any	-			-	
3 0	Brief Note on proposed Rainwater harvesting scheme along with budget allocation:	Total 60 nos. of recharge Pits are proposed. 45 nos. with 16 m depth and 15 with 25 m of depth with 150 mm diameter. Capital Cost: Rs.30 Lakhs O&M Cost: Rs.1 Lakhs				
3 1	<b>Solid Waste management</b>					
	Sr.	Type of waste	Quantity Mt/month	Source of Generation	Disposal methods	Pl. mention plan to reduce solid waste generation if any
	1	Polymer lumps	101.33	Process	Sold to Authorized Recycler	-
	2	Monomer	1.00	Process	Sold to Authorized Recycler	-
	3	Label & pieces of labels of PVC	3.04	Process	-	-
	4	PET Mud & Dirt	30.41	Process	Sold to Authorized Recycler	-
	5	HDPE/PP lines Bags	0.50	Process	Sold to Authorized Recycler	-
	6	Empty plastic chemical cans/bags	0.50	Process	Sold to Authorized Recycler	-

	7	Triethylene Glycol	2.02	Process	Sold to Authorized Recycler			
	8	Sweeping PET Chips	10.13	Process	Sold to Authorized Recycler			
<b>3</b>	<b>Hazardous Waste Generation &amp; Disposal (As per HW Rule 2016)</b>							
<b>2</b>	<b>Sr.</b>	<b>Cat e-gory</b>	<b>Particula rs</b>	<b>Source of Generatio n (please include Name of Product)</b>	<b>Existing Quantity of generati on Mt/mont h</b>	<b>Propose d Quantity &amp; generati on Mt/mont h</b>	<b>Total Quantity &amp; generati on Mt/mont h</b>	<b>Method &amp; Disposal as per HW Rules 2016</b>
	1	1.4	Organic residue [Waste chemicals (lab chemicals + Resins)]	Chemical Lab Activities	-	200.775 (L/M)	200 (L/M)	CHWTS DF
	2	5.1	Used / spent oil [Waste oil]	Equipment Maintenance	-	3.04	3.04	CHWTS DF
	3	5.2	Wastes / residue/ Containin g oil [Oily cotton waste & hand gloves]	Equipment Maintenance	-	0.30	0.30	Sale to authorize d recycler
	4	34.3	Chemical sludge from waste water treatment [Chemica l sludge from ETP]	ETP operation	-	15.20	15.20	CHWTS DF
	5	35.3	Spent	Operation	-	10.13	10.13	CHWTS



		carbon/Ash collected from boilers chimney [Filter Cake (carbon+clay)]	of Thermic fluid heater and Steam Boiler				DF
6	28.1	Glass Wool (Insulation material)		-	1.00	1.00	CHWTS DF

**3 Fuel Consumption**

Sr.	Type of Fuel	Consumption Quantity (TPD)			Use for (Boiler/DG Set etc.)	Ash%			SO <sub>2</sub>			Air pollution control/ equipment provided (Yes/No)
		Existing	Proposed	Total		Existing	Proposed	Total	Existing	Proposed	Total	
1	LS HS Gases	0	25 KLD	25 KLD	Thermic Fluid Heater	0	0.4	0.4	0	43.71 kg/day	43.71 kg/day	Yes
2	HS D	0	24 KLD	17 KLD	DG Set	0	0	0	0	1.29 kg/day	1.29 kg/day	Yes

3 Brief Note on Air Pollution Control equipment's

4 Stack are proposed. All equipment designed to ensure CPCB norms

Sr.	Section/ Unit	Source pollutions	Stack No.	Stack height	Height from ground	Internal Diameter (inch)	Temperature of exhaust gas
1	Thermic fluid	LSHS/Gas	1,2	45	45	32	200°C

	Heater (NSK2)						
2	Thermic fluid Heater(NSK3)	LSHS/Gas	3,4	45	45	32	200°C
3	Diesel Generator (DG-1)	HSD	5	15	20	10	220°C
4	Diesel Generator (DG-2)	HSD	6	15	20	10	220°C
5	Diesel Generator (DG-3)	HSD	7	15	20	10	220°C
6	Diesel Generator (DG-4)	HSD	8	15	20	10	220°C
7	Diesel Generator (DG-5)	HSD	9	15	20	10	220°C
8	Diesel Generator (DG-6)	HSD	10	15	20	10	220°C
9	Diesel Generator (DG-7)	HSD	11	15	20	10	220°C
10	Incinerator	Residue of EG Recovery plant	12	15	20	10	200°C
3	<b>Energy</b>						
6	a) Source of power Supply:		<b>MSEDCL</b>				
	b) Maximum Demand (KVA):		<b>4,500 kVA</b>				
	c) whether DG sets will be provided (Yes/No):		<b>Yes</b>		if yes:		
	<b>Sr.</b>	<b>No. of DG Sets</b>			<b>Capacity</b>		
		<b>Existing</b>		<b>Proposed</b>			
	1	0		7 no x 1010 kVA		7 no x 1010 kVA	
	d) Please Mention if high tension line is passing through the plot: <b>Yes/No</b>						
	If yes, pl. give details of safety measures adopted: <b>Not Applicable</b>						
3	<b>Details of use of renewable energy with budget allocation</b>						
7	i.	Total Energy Demand				4,500 kVA	
	ii.	Proposed renewable energy source capacity				800 KVA	
	iii.	Proposed Budget (in Rs. Lakhs)				Rs.400 Lakhs	
	iv.	Timeline for implementation				4 years	
3	<b>Details of public hearing (if applicable):</b>						
8	i) Place of public hearing:		<b>Not Applicable</b>				
	ii) Date of public hearing:		<b>Not Applicable</b>				

Please fill following details						
Sr.	Issue raised during public hearing	Application plan for its compliance/ implementation	Budget allocation for implementation	Specific time line of compliance		
	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
3 9	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)					
<b>Construction Phase</b>						
Sr.	Attribute	Specific measure	Budget in (Rs. lakh)	Remark		
1	Air	Water sprinkling for dust	2	-		
2	Water	Septic tank for workers	5	-		
3	Noise	Ear-Muffs, Ear plugs, Acoustic enclosures	5	-		
4	Soil	-	0	-		
5	Solid waste	-	2	-		
6	Hazardous waste	-	0.5	-		
7	Fuel & Energy	-	5	-		
8	Safety & Health	Health Checkup & first aid, Safety jacket, Safety shoes, Safety Helmet, Safety belt	2	-		
9	Environmental monitoring & management	Air, water, noise and soil monitoring	2	-		
10	Green belt development	Tree plantation	7	-		
<b>Total</b>			<b>30.5</b>	<b>-</b>		
<b>Operation Phase</b>						
Sr.	Attributes	Specific measures	Budget in Rs. Lakh	Timeline for 1/5 implementation	Responsibility	Remarks
1	Air	Pollution control devices	75	1 Year	-	-
2	Water	STP of 40 m <sup>3</sup> /day and ETP of 100 m <sup>3</sup> /day	100	1 year	-	-
3	Noise	Ear-Muffs, Ear plugs, Acoustic enclosures	10	6 Month	-	-
4	Soil		20	-	-	-

	5	Solid waste		50	-	-	-
	6	Hazardous waste		60	-	-	-
	7	Fuel & Energy		75	-	-	-
	8	Safety & Health	Health Checkup & first aid, Safety jacket, Safety shoes, Safety Helmet, Safety belt	20	-	-	-
	9	Rainwater harvesting		30	-	-	-
	10	Implementation of recommendations of LCA		-	-	-	-
	11	Implementation recommendation HA20P/ Risk Assessment		-	-	-	-
	12	Any other please specify	Environmental monitoring & management	25	-	-	-
		<b>Total</b>		<b>465</b>	-	-	-
40	Other Relevant Information: (Pl. provide brief note on proposed project)			<p>Polygenta Technologies Ltd. is proposing Environmental Clearance for the proposed PET Recycling and manufacturing facility for PET products (Recycled chips, PET Polymer, POY Chips/ Poly Flakes/ POY/ DTY/ FDY) &amp; Ethylene Glycol at Gat No 48,49/1,49/2 Village Avankhed, Taluka Dindori, Dist. Nashik- 422 202</p> <p>Polygenta Technologie Limited is a leading recycler of PET waste (such as bottles, packaging, polyester garments) and manufacturer of PET based products from the recycled material such as Polyester Filament Yarn (PFY) (i.e. a high-grade polyester) using post-consumer waste PET bottles as its feedstock.</p>			
4	Details of skill development program within			-			

1	Organization	
4 2	Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)	<p>Polygenta Technologies Limited has Environment monitoring cell developed for environmental monitoring, analysis and control of all possible sources due to the proposed project. The team is headed by a senior management executive and constitutes environmental engineers and chemists. Basically, this department supervises the monitoring of environmental pollution levels viz. source emission monitoring, ambient air quality, water and effluent quality, noise level either departmentally or by appointing external agencies wherever necessary.</p> <p>The EMC also coordinates for all the related activities such as collection of statistics of health of workers and population of the region, afforestation and greenbelt development</p>
4 3	Details of court cases if pending in any Hon'ble court	Not Applicable

3. The proposal has been considered by SEIAA in its 246<sup>th</sup> (Day-3) meeting 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-**

1. PP to provide green belt all along the periphery of the plot and submit revised lay out plan showing internal roads with six meter width and nine meter turning radius, provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
2. PP agreed to provide Zero Liquid Discharge Effluent Treatment Plant. PP proposes to provide Zero Liquid Discharge Effluent Treatment Plant. PP to ensure no waste water be discharge outside the premises. 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

3. PP to identify the sources of odour and implement corrective measures to avoid odour nuisance.
4. PP informed that, all VOC's generated from the process will be taken to the Thermal Fluid Heater in closed loop and will be burnt. PP to include VOC as a monitoring parameter to ascertain no VOC's are escaping in the environment.
5. PP to ensure to utilize CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.
6. PP to provide Online Continuous Monitoring System connected to the servers of CPCB and MPCB.
7. PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity. PP agreed to conserve all trees exists on site.
8. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.
9. PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.
10. PP to use solar energy for illumination of office building, street light and parking areas.

**SEIAA Conditions**

1. PP submitted ADTP plan dated 03.06.2022. As per the said plan total plot area is 73,900.00 m<sup>2</sup> and green belt area provided is 24,387.00 m<sup>2</sup> i.e. 33 % of total plot area.
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, 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.

  
Manisha Patankar-Mhaiskar  
(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, Nashik
7. Regional Officer, Maharashtra Pollution Control Board, Nashik



