

**Revalyu Recycling (India)Limited.**

# **Environmental Clearance Compliance Report**

**October 2024 to March 2025**

**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, Tal.: Dindori,  
District: Nashik**

**(Environmental Clearance Letter No. SIA/MH/IND2/251563/2022 Dated  
17<sup>th</sup> August 2022)**

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**Compliance Status of EC conditions**  
**Environment Clearance. EC22B019MH116596, File No. - SIA/MH/IND2/251563/2022 dated on**  
**17<sup>th</sup> August 2022)**

No	Condition	Compliance
	Specific Conditions	
<b>A</b>	<b>SEAC Conditions</b>	
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.	<p>We will provide green belt area 24,387 m<sup>2</sup> (which is 33% of the total plot area).  4,000 no. of trees are proposed to plant on site- <b>PO Issued-PO No-PO/Project/SER-0063/23-24.</b>  8,868 m<sup>2</sup> Parking area is proposed.  <b>Completed:</b> 60 nos. of recharge pits are provided.  We have provided the internal roads with 12 m. driveway and cul de sac Min area required for this is 81 m<sup>2</sup>. as per UDCPR and we have provided 144 m<sup>2</sup> i.e., 12 m x 12 m (road width).  Location of following are marked on layout  Pollution control equipment like ETP/STP, Stacks, Incinerator, MEE, stripper, dyke wall at tankfarm etc.  parking area : 8,868 m<sup>2</sup>  33% Green belt area with dimensions,  Rainwater harvesting structures with dimensions,  Area statement showing calculation for each area  Cross sections of storm water drain and rain water harvesting pits.</p>
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	<p>4.94 m<sup>3</sup>/day of sewage is being treated in 40 m<sup>3</sup>/day capacity of STP &amp; trade effluent 8.07 m<sup>3</sup>/day is being treated in ETP (Used for commissioning) and achieved ZLD.  Treated water is reused industrial cooling purpose after ZLD treatment.  No treated water is discharged outside the plant and the unit is zero liquid discharge plant.  Plan for Zero Liquid Discharge is attached herewith as <b>Annexure-I</b>.</p>
3	PP to identify the sources of odour and implement corrective measures to avoid odour nuisance.	We have identified sources of VOC including odorous compounds) and same will be disposed/consumed in Incinerator through close loop. This will reduce odour.
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	We will monitor the VOC parameters during the operation phase and arrangement to burn the VOC's in incinerator is provided to ascertain no VOC's will be escape to environment.

	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.	<p>CER amount Rs.735/- Lakh (1.5%)</p> <p>Yes, CER fund is being used for Infrastructure development works as mentioned below.</p> <p><b>1.Complied.</b> Construction of Bitumen road: Purchase Order no. PO/Project/SER-0060/24-25 of Rs. 5,60,50,000/-</p> <p>2. Construction of Community Hall: Purchase Order no. PO/Project/SER-0261/22-23 of Rs. 77,88,000/-.</p> <p>Ack. copy submitted to district collector for application for approval for implementation of CER.</p>
6	PP to provide Online Continuous Monitoring System connected to the servers of CPCB and MPCB.	For provision of OCEMS, <b>PO/ Project/Matl-0300-24-25 dt. 24.07.2024</b> was issued and system under implementation.
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.	<p>We will provide green belt area 24,387 m<sup>2</sup> (which is 33% of the total plot area) with the provision of drip irrigation.</p> <p>There are no existing trees at the site. We propose to plant 4,000 nos. of trees on site.</p> <p><b>For Plantation Vendor Finalise &amp; PO Issued-PO No-PO/Project/SER-0063/23-24.</b></p>
8	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.	<b>Completed:</b> Total 60 nos. of recharge pits, out of which 43 nos. 18 mtr. Depth, 16 nos. of 25m. depth and 1 no. of 30 Mtr. with 200mm. diameter.
9	PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.	<b>Complied.</b> We have provided a retractable gate at the entry and exit gate.
10	PP to use solar energy for illumination of office building, street light and parking areas.	<p>We will provide solar panels on a terrace area of 16,756.25 m<sup>2</sup>.</p> <p>Approximately 15000 kWh units per year will be saved and will use this solar energy for the office building, street lights &amp; parking areas.</p>
<b>B.</b>	<b>SEIAA Conditions</b>	
<b>1</b>	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.	<p>Noted and requirement of 33% total plot area will be complied.</p> <p>Total plot area 73 ,900 m<sup>2</sup> &amp; 24,387 m<sup>2</sup> (33% of total plot area) will be provided.</p>
<b>2</b>	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	We will plant tree as per Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun & plantation will be done in first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.

	plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts /arborist.	<b>For Plantation Vendor Finalise &amp; PO Issued-PO No-PO/Project/SER-0063/23-24.</b>
<b>3</b>	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.	<b>Complied.</b> Solid waste generated (Paper tubes) is disposed off for further recycle.
<b>4</b>	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.	<b>Complied.</b> Used Oil was disposed off through M.K. Oil (authorised recycler).  Copy of Manifest no. MPCB-HW_MANIFEST-0000621238-449635 dt. 27-03-2025 is attached as <b>Annexure-II</b> .  <b>Complied.</b> Agreement with Maharashtra Enviro Power Ltd. (MEPL-CHWTSDF) for disposal of haz. Waste is valid till 17.10.2029, Membership no. is MEPL/33007474.  Copy of Membership Certificate is attached as <b>Annexure-III</b> .
<b>5</b>	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.	Fugitive emission like dust during construction phase is mitigated by the sprinkling of water and we are regularly monitoring the ambient air quality and found within limit.  Fugitive emissions will also be monitored periodically during operation phase.
<b>6</b>	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.	<b>Complied.</b> 1.Checklist for tanker unloading is followed and unloading is interlocked with earthing connectivity for PESO tankers.  2. Dyke wall of adequate capacity is provided for storage tanks.  3.Preventive maintenance schedule followed for all pumps involved in transfer of chemicals.
<b>7</b>	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).	<b>Complied.</b> 1.Dyke wall and fire fighting equipments are provided as per PESO requirement.  2.For Storage and handling SOP are prepared, training provided to all concerned and ensured that followed.  3.LI provided for storage tanks of HSD & LSHS.  4. Entry restricted for authorised persons only  5. Permit to Work system is followed for any non routine work and preventive maintenance.

8	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DISH) 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.	<p><b>Completed.</b> DISH plan approval no. 121600000036253 dt. 23.08.2024 and DISH licence no. 18708 valid till 31.12.2027 is obtained.</p> <p><b>Copy of Plan approval and Factory Licence from DISH is attached as Annexure-IV &amp; Annexure-V.</b></p> <p><b>Complied.</b> Safety audit conducted as per MFR, 1963 and as per Safety Audit Rules, 2024 in December 2024 through Vishal Pachpute (Certified Safety Auditor) and recommendations are being complied.</p> <p>Copy of feedback report of Safety Audit is attached as <b>Annexure-VI</b>.</p>
9	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.	We will provide roof top solar 700 kVA/hr at peak solar energy will be utilized. (Approximate 15000 kWh unit per year save) for illumination of 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.	Proposal for CAPEX is under preparation.
11	PP to provide roof top Rain Water Harvesting facility.	<b>Completed.</b> Rooftop rainwater harvesting work completed & 60 no. of recharge pits are provided.
12	PP to ensure that proposed project is ZLD.	Yes, the project is ZLD as we propose to use treated water from ETP in process.
	<b>General Conditions</b>	
(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 <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	<p><b>Complied.</b> Advertise published in 2 local newspaper viz. Lokmat Marathi dt. 09.09.2022 &amp; Lokmat Times dt. 09.09.2022.</p> <p>Copies of the above advertisement are attached herewith.</p> <p>Copy of EC is also available on our website &amp; also be seen at "<a href="http://parivesh.nic.in">http://parivesh.nic.in</a>."</p>
(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,	<b>Complied.</b> Status of half yearly compliance for the period April 2024 to September 2024 including all monitoring reports of air, water, noise, soil on our website and copy also submitted through mail at

	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.	MPCB, SEIAA and Regional Office of MoEF & CC, on 28.11.2024.
(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.	Yes, we have allocated separate funds for EMP in both Construction phase and Operation phase. These funds will strictly being used for the environmental protection measures only.
(iv)	A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.	<b>Complied.</b> Environmental Management Cell is formed and meeting conducted on 20.12.2024 to check compliances related to compliance of Consent, found ok.
(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.	Noted and will be complied.
(vi)	PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.	<b>Complied.</b> Various conditions in CTO like water consumptions, O & M of pollution control equipments, fuel consumption, monitoring of emissions, haz. Waste, are complied.
(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.	<b>Complied.</b> The storm water drains and sewer lines separately provided separately on site with arrangement we ensure that storm water and sewage will not get mixed.
(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.	<b>Complied.</b> Periodic Monitoring of ground water.

(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 earmuff and ear plug etc.	<b>Complied.</b> Ambient Noise monitoring reports for March 2025 is attached as <b>Annexure-VII</b> . Control measures like provision of ear plug and earmuffs are being followed continuously.
(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.	All safety precautions will be provided. <b>Complied.</b> Leak detection system will be provided at Ammonia storage 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.	<b>Complied.</b> Requirements of MFR, 1963 like On Site Emergency Plan, testing of pressure vessels & lifting tools, tackles, safety committee, installation fire fighting equipments, Permit to Work system, trainings, PPE's are being followed.
(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.	Environmental Statement will be submitted before 30 <sup>th</sup> September of every year and will be uploaded on company website after submission at MPCB.
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.	Noted
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	Noted

	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	Noted
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time	Noted. EC letter EC22B019MH116596 was received dt. 17.08.2022. Validity of Environment Clearance is 16.08.2027.
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.	Noted
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	<p><b>Complied.</b> We have obtained Consent to Operate from MPCB having Consent no. Format 1.0/CAC/UAN No.0000204540 /CO/2407003047 dt. 31.03.2027 under Water (Prevention &amp; Control of Pollution) Act, 1974 &amp; under Section 21 of the Air (Prevention &amp; Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous &amp; Other Wastes (Management &amp; Transboundary Movement) Rules 2016.</p> <p><b>Complied.</b> Policy under PLI Act 1991 is also available and valid till 22.02.2026.</p> <p><b>Copy of Consent to Operate as Annexure-VIII and PLI as Annexure-IX are attached.</b></p>
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, pt Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

## Conditions of Consent to Operate

Consent NO. Format1.0/CAC/UAN No.0000204540/CO/2407003047 dated: 31.07.2024.

No.	Conditions				Compliance																				
1.	The consent to operate is granted for a period up to 31/03/2027				Noted.																				
2.	The capital investment of the project is Rs. 515.3121 Crs. (As per C.A Certificate submitted by industry)				C.A Certificate was submitted to the MPCB.																				
3.	Consent is valid for the manufacture of:				Total production from October 24 to March 25 is <b>6895.901 MT</b> .																				
	<table border="1"> <thead> <tr> <th style="text-align: center;">Sr. no</th> <th style="text-align: center;">Products</th> <th style="text-align: center;">Max. Qty</th> <th style="text-align: center;">UOM</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)</td> <td style="text-align: center;">91,250</td> <td style="text-align: center;">MT/A</td> </tr> </tbody> </table>	Sr. no	Products	Max. Qty	UOM	1	Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	91,250	MT/A																
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1	Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	91,250	MT/A																						
4.	Conditions under water (P&CP), 1974 Act for discharge of effluent:				For trade effluent we have provided ZLD facility. <b>Avg. effluent generated in M<sup>3</sup>/day is 8.07.</b>  For sewage generated is treated in Sewage Treatment Plant of 40 M <sup>3</sup> /day capacity. <b>Avg. sewage generated in KL/Day is 4.94.</b>																				
5.	Conditions under Air (P&CP), 1981 Act for air emissions				Total 13 stacks are proposed 4 for TFH, 7 nos. for DG sets, 1 no. for incinerator & 1 of boiler for MEE.  All above stacks are erected on site and are included on our Consent to Operate issued by MPCB.																				
	<table border="1"> <thead> <tr> <th style="text-align: center;">Stack no.</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Nos.</th> <th style="text-align: center;">Standards</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">S1 -S4 (1 working &amp; 1 stand by each for NSK-2 &amp; NSK-3)</td> <td>Thermic Fluid Heater (NSK2) &amp; Thermic Fluid Heater (NSK3)</td> <td style="text-align: center;">4</td> <td>As per schedule-II</td> </tr> <tr> <td style="text-align: center;">S5 to S11</td> <td>DG set (7 no x 1500 kVA)</td> <td style="text-align: center;">7</td> <td>As per schedule-II</td> </tr> <tr> <td style="text-align: center;">S12</td> <td>Incinerator</td> <td style="text-align: center;">1</td> <td>As per schedule-II</td> </tr> <tr> <td style="text-align: center;">S13</td> <td>Boiler for MEE</td> <td style="text-align: center;">1</td> <td>As per schedule-II</td> </tr> </tbody> </table>	Stack no.	Description	Nos.	Standards	S1 -S4 (1 working & 1 stand by each for NSK-2 & NSK-3)	Thermic Fluid Heater (NSK2) & Thermic Fluid Heater (NSK3)	4	As per schedule-II	S5 to S11	DG set (7 no x 1500 kVA)	7	As per schedule-II	S12	Incinerator	1	As per schedule-II	S13	Boiler for MEE	1	As per schedule-II				
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S13	Boiler for MEE	1	As per schedule-II																						
6.	Non-Hazardous Wastes:				Nil.																				

No.	Conditions						Compliance
7.	Conditions under Hazardous & Other wastes (M&TM) Rules 2016 for treatment and disposal of hazardous waste:						<p><b>Complied.</b> Used or Spent Oil: 2.35 MT disposed off through M.K.Oil (authorised recycler) vide manifest no. MPCB-HW_MANIFEST-0000621238-449635 dt. 27.03.2025.</p> <p>Copy of Haz waste manifest is attached. <b>Ref. Annexure-II.</b></p> <p><b>Complied.</b> Agreement with Maharashtra Enviro Power Ltd. (MEPL-CHWTSDF) for disposal of haz. Waste is valid till 17.10.2029,</p> <p>Membership no. is MEPL/33007474. Copy of Membership Certificate is attached. <b>Ref. Annexure-III.</b></p>
	Sr.	Category	Qty	UoM	Treatment	Disposal	
	1	1.4 Organic residues.	2433.3	Ltr/A	Incineration	CHWTSDF	
	2	5.1 Used or spent oil	36.5	MT/A	Incineration /Recycle	Sale to authorised party / CHWTSDF	
	3	5.2 Wastes or residues containing oil	3.65	MT/A	Incineration /Recycle	Sale to authorised party / CHWTSDF	
	4	35.3 Chemical sludge from waste water treatment.	182.5	MT/A	Landfill	CHWTSDF	
	5	36.2 Spent carbon or filter medium	121.6	MT/A	Incineration	CHWTSDF	
	6	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	6.08	MT/A	Incineration / Recycle*	Sale to authorised party / CHWTSDF	
	7	20.2 Spent solvents	24.3	MT/A	Incineration / Recycle	Sale to authorised party / CHWTSDF.	
	8	Residue from Ethylene Glycol Recovery Plant	3650	MT/A	Incineration /Recycle*	For incineration in Incinerator installed in own unit.	
	9	Glass Wool	12	MT/A	Incineration	CHWTSDF	
8	Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):						Records of Plastic Waste generation and Sale are maintained.
	Sr. No.	Type of Waste	Qty & UoM	UOM	Treatment	Disposal	
	1	Polymer lumps	1216	MT/A	Sale	Sale to authorized party	
	2	Monomer	12.10	MT/A	Sale	Sale to authorized party	
	3	Label & pieces of	36.5	MT/A	Sale	Sale to authorized party	

No.	Conditions						Compliance
		labels of PVC					
	4	PET Mud & Dirt	365	MT/A	Sale	Sale to authorized party	
	5	HDPE/PP lines Bags	6.08	MT/A	Sale	Sale to authorized party	
	6	Sweeping PET Chips	121.6	MT/A	Sale	Sale to authorized party	
9	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.						Noted
10	This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities						Noted
11	This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 27/06/2024.						Noted
12	The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. .EC identification No. EC22B019MH116596 file No. SIA/MH/IND/251563/2022 dtd. 17/08/2022.						<b>Complied.</b> Half yearly Compliances we are submitting every June and December for the period prescribed. Last compliance submitted on PARIVESH portal on 28.11.2024. Other conditions are being complied.
13	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.						<b>Complied.</b> Consent to Operate is obtained from MPCB having consent no. Format1.0/CAC/UAN No.0000204540/CO/2407003047 valid till 31.03.2027. <b>Ref. Annexure-IX</b>
14	PP shall obtain EPR registration under plastic waste management rule 2016 and amended thereof if any.						<b>Complied.</b> EPR registration under Plastic Waste Management Rule 2016, was obtained. Regn. No. PR-16-MAH-04-AAACM7390Q-25 dt. 16-04-2025 valid till 15.04.2026. Copy of EPR registration is attached as <b>Annexure-X</b> .
15	Industry shall maintain record for the generation, storage & treatment Residue from Ethylene Glycol Recovery Plant for both plants i.e. plant located at Gat No. 48, 49/1, 49/2 & another unit located at Gat No. 265/1 & 266.						Record of EG residue generation, storage and treatment for both plants. Avg. EG residue generated per month for  <b>Gat No. 265/1-266: 14.0415 MT</b>  <b>Gat No. 48, 49/1, 49/2: 20.066 MT</b>
16	The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)						Noted and will be followed.
17	The industry shall create an Environment Cell by appointing an Environmental Engineer / Expert for looking after day-to-day activities related to Environment / Pollution control.						<b>Complied.</b> Environmental Management Cell is formed and meeting conducted on 20.12.2024 to check compliances related to compliance of Consent, found ok.

## Schedule I

### **Terms & Conditions for Compliance of Water Pollution Control**

No.	Conditions	Compliance																
1	<p>A. As per your application, you have provided ETP consisting of Primary, secondary, tertiary system followed by RO and MEE to achieve ZLD. Also Treated effluent from M/s. REVALYU RECYCLING (INDIA) LIMITED, Gat No. 265/1, 266 Village Avankhed, Taluka Dindori, District Nashik, for further treatment in RO and MEE provided by M/s. M/s. REVALYU RECYCLING (INDIA) LIMITED, Gat No. 48, 49/1, 49/2 Village Avankhed, Taluka Dindori, District Nashik to achieve ZLD.</p>	<p><b>Completed.</b> We have provided the ETP with Primary, Secondary, Tertiary treatment to treat trade effluent and treated effluent from Gat No. 265/1, 266 Village Avankhed, Taluka Dindori, District Nashik, for further treatment in RO and MEE provided at Gat No. 48, 49/1, 49/2 Village Avankhed, Taluka Dindori, District Nashik to achieve ZLD.</p>																
	<p>B. Applicant shall The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process &amp; Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.</p>	<p>ETP commissioned and is operational.</p>																
2	<p>A. As per your application, you have provided Sewage Treatment Plant of designed capacity 40 CMD for the treatment of 36 CMD of sewage.</p>	<p>STP of 40 KLD to treat 36 KLD sewage is completed &amp; in operation.</p> <p><b>Avg. sewage treated in KL/day: 4.94.</b></p>																
	<p>B. The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Sr.</th><th style="text-align: center;">Parameter</th><th colspan="2" style="text-align: center;">Standards</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td><td>Suspended Solids</td><td>Not to exceed</td><td>50 mg/l</td></tr> <tr> <td style="text-align: center;">2</td><td>BOD 3 days 27°C</td><td>Not to exceed</td><td>30mg/l</td></tr> <tr> <td style="text-align: center;">3</td><td>COD</td><td>Not to exceed</td><td>100mg/l</td></tr> </tbody> </table>	Sr.	Parameter	Standards		1	Suspended Solids	Not to exceed	50 mg/l	2	BOD 3 days 27°C	Not to exceed	30mg/l	3	COD	Not to exceed	100mg/l	<p>Report of STP outlet for March 2025 is attached as <b>Annexure-XI.</b></p>
Sr.	Parameter	Standards																
1	Suspended Solids	Not to exceed	50 mg/l															
2	BOD 3 days 27°C	Not to exceed	30mg/l															
3	COD	Not to exceed	100mg/l															

No.	Conditions	Compliance																		
	C. The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be used on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises	<b>Complied.</b> Avg. sewage generation is 4.94 KLD and is being treated in STP of 40 KLD, treated water is being utilised for gardening within premises.																		
3	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto	Noted.																		
4	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	Noted and will be complied.																		
5.	<p>The Applicant shall comply with the provisions of the Water (Prevention &amp; Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:</p> <table border="1" data-bbox="287 1118 854 1578"> <thead> <tr> <th data-bbox="287 1118 362 1192">Sr. No.</th><th data-bbox="362 1118 663 1192">The purpose for water consumed</th><th data-bbox="663 1118 854 1192">Water consumption quantity (CMD)</th></tr> </thead> <tbody> <tr> <td data-bbox="287 1192 362 1266">1</td><td data-bbox="362 1192 663 1266">Industrial Cooling, spraying in mine pits or boiler feed</td><td data-bbox="663 1192 854 1266">353.00</td></tr> <tr> <td data-bbox="287 1266 362 1340">2</td><td data-bbox="362 1266 663 1340">Domestic purpose</td><td data-bbox="663 1266 854 1340">40.00</td></tr> <tr> <td data-bbox="287 1340 362 1414">3</td><td data-bbox="362 1340 663 1414">Processing whereby water gets polluted &amp; pollutants are easily biodegradable</td><td data-bbox="663 1340 854 1414">62.00</td></tr> <tr> <td data-bbox="287 1414 362 1511">4</td><td data-bbox="362 1414 663 1511">Processing whereby water gets polluted &amp; pollutants are not easily biodegradable and are toxic</td><td data-bbox="663 1414 854 1511">0.00</td></tr> <tr> <td data-bbox="287 1511 362 1578">5</td><td data-bbox="362 1511 663 1578">Gardening</td><td data-bbox="663 1511 854 1578">0</td></tr> </tbody> </table>	Sr. No.	The purpose for water consumed	Water consumption quantity (CMD)	1	Industrial Cooling, spraying in mine pits or boiler feed	353.00	2	Domestic purpose	40.00	3	Processing whereby water gets polluted & pollutants are easily biodegradable	62.00	4	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00	5	Gardening	0	<p>Avg. water consumption category wise is as follows,</p> <p><b>1. Industrial Cooling: 1.96 KLD</b></p> <p><b>2. Domestic Purpose: 5.64 KLD</b></p>
Sr. No.	The purpose for water consumed	Water consumption quantity (CMD)																		
1	Industrial Cooling, spraying in mine pits or boiler feed	353.00																		
2	Domestic purpose	40.00																		
3	Processing whereby water gets polluted & pollutants are easily biodegradable	62.00																		
4	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00																		
5	Gardening	0																		
6	The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act. 1986 and rule made there under from time to time / Environmental Clearance/ CREP guidelines.	<b>Complied.</b> For Water Pollution control ETP with ZLD treatment & STP are provided.																		

## Schedule-II

### Terms & conditions for compliance of Air Pollution Control

No.	Conditions								Compliance
1.	As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect the following stack (s) and to observe the following fuel pattern								Complied. All mentioned stacks are erected as per prescribed heights.
	Stack no.	Stack attached to	APC system	Ht. (m)	Type of fuel	Sulphur content (in %)	Pollutants	Std.	
	1+1 (1 working + 1 stand by) For NSK-2 & NSK-3	Thermic Fluid Heater (NSK-2)	Stack	40.0	LSHS 900 kg/hr	1	TPM	150 Mg/Nm <sup>3</sup>	Emissions are monitored to meet pollution standards. Stack analysis reports of Jan 25 is attached as Annexure-XII
		Thermic Fluid Heater (NSK-3)	Stack				SO <sub>2</sub>	432 kg/Day	
	5 to 11	DG set- (7 no x1500 kVA)	Acoustic Enclosure				TPM	150 Mg/Nm <sup>3</sup>	
							SO <sub>2</sub>	432 kg/Day	
	12	Incinerator	Multi cyclone, Scrubber and droplet separator.	30.0	Residue From EG Recovery Plant 460 Kg/Hr	1	TPM	50 Mg/Nm <sup>3</sup>	
							HCl	50 Mg/Nm <sup>3</sup>	
							Follow emission Standards as per given to HW Incinerator		
	13	Boiler (500 kg/Hr) for MEE	Stack				TPM	150 Mg/Nm <sup>3</sup>	
							SO <sub>2</sub>	15.36 Kg/Day	
2	The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there from time to time/ Environmental Clearance / CREP guidelines.								Complied. For Air Pollution Control stacks are provided.
3	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacements well before its life come to an end or erection of new pollution control equipment.								Noted and will be complied.
4	The Board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment. other in whole or in part is necessary).								Noted and will be complied.

**Schedule-III**  
**Details of Bank Guarantee**

Sr	Consent (C2E/C2O)/C2R)	Amt of BG imposed	Submission period	Purpose of BG	Compliance Period	Validity Date	Compliance
1	C to O	Rs.25 Lakh	Submit in 15 days	For compliance of consent conditions and O & M of PCS	31/03/2027	30/09/2027	<b>Complied.</b> We have submitted the bank guarantee to MPCB

**BG Forfeiture History**

Sr	Consent (C2E/C2O)/C2 R)	Amt of BG imposed	Submission period	Purpose of BG	Compliance Period	Validity Date
N/A						

**BG Return History**

Sr	Consent (C2E/C2O)/C2R)	BG imposed	Purpose of BG	Amount of BG Returned	Compliance Period
N/A					

## Schedule IV

### General Conditions

Sr..	Conditions	Compliance
1	<p>The waste generator shall</p> <p>a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.</p>	Noted and will be complied.
2	<p>b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies.</p>	Noted and will be complied.
3	<p>All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.</p>	Noted and will be complied.
4	<p>All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;</p>	Noted.
5	<p>Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multi-layered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.</p>	Noted
6	<p>The Energy source for lighting purpose shall preferably be LED based</p>	<b>Complied.</b> Energy source for lighting is 100 % LED.
7	<p><b>Conditions for D.G. Set</b></p>	
	<p>a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.</p>	<b>Complied.</b> Acoustic enclosures provided to all the DG sets.
	<p>b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A)</p>	<b>Complied.</b> Acoustic enclosure for the DG sets.

Sr..	Conditions	Compliance
	insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.	Noise reduction is measured to check for the minimum 25 dB (A) insertion loss for DG sets.
	c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures	<b>Complied.</b> Acoustic enclosures provided to DG sets.
	d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.	<b>Complied.</b> Installation of DG set is in compliance with recommendations of DG set manufacturers. Copy of Completion Certificate from manufacturers is attached as <b>Annexure-XIII</b> .
	e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.	A routine and preventive maintenance of DG set is followed as per DG manufacturers. Copy of Service report of DG set Sr.No. 25489199 is attached as <b>Annexure-XIV</b> .
	f) D.G. Set shall be operated only in case of power failure.	<b>Complied.</b> DG set operated during power failure for 72.3 hrs. during October 2024 to March 2025.
	g) The applicant should not cause any nuisance in the surrounding area due to operation DG sets	<b>Complied.</b> No nuisance caused in the surroundings due to operation of DG sets. Stack emission and Noise monitored and found within limit. Stack monitoring report for November 2024 is attached as <b>Annexure-XV</b> .
	h) The applicant shall comply with the notification of MoEF & CC India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel	<b>Noted.</b> This notification is applicable to DG set upto 1000KVA. Capacity of our DG set is 1050 KVA capacity hence not applicable.
8	The applicant shall maintain good housekeeping	<b>Complied.</b> Good housekeeping is maintained in premises.
9	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.	<b>Complied.</b> The generated non-hazardous solid waste (paper tube, puttha) is disposed off for further recycling.
10	The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.	Noted and will be complied.

Sr..	Conditions	Compliance
11	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.	Noted and will be complied.
12	The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliances duly supported with documentary evidences (format can be downloaded from MPCB official site).	Noted and will be complied.
13	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	<b>Complied.</b> Email id submitted at MPCB, any change in the same will be duly informed to MPCB.
14	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended	<p><b>Complied.</b></p> <p>Ambient Air Quality is being monitored by MoEF approved lab.</p> <p>Copy of ambient Air monitoring Report of March 2025 are attached as <b>Annexure-XVI</b>.</p>
15	This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.	Noted.
16	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof	Noted and will be complied.
17	<p>You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server.</p> <p>You shall also monitor effluent quality, stack emissions and ambient air quality monthly /quarterly.</p> <p>You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.</p>	<p>Ambient air quality is monitored periodically &amp; will be continued. Stack emissions will be monitored monthly/quarterly.</p> <p>Dioxin-Furan monitoring will be done by NABL accredited agency once in a year and report will be submitted to SRO once operation starts.</p>
18	You shall ensure collection, and segregation of BMW regularly to treat and dispose off within 48 hrs from generation.	<b>Complied.</b> For Collection and Disposal of Bio Medical Waste generated, we are making an agreement with SMS Envo clean.
19	Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.	Noted & will be complied.
20	The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or	<b>Complied.</b> Alternate electric power supply provided to all pollution control facilities like ETP, STP, Incinerator, MEE, stripper etc.

Sr..	Conditions	Compliance
	otherwise, control production to abide by terms and conditions of this consent	
21	The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment	Noted
22	An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.	Noted and will be complied once the unit is operational.
23	Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ( <a href="http://www.mpcb.gov.in">www.mpcb.gov.in</a> ).	<b>Complied.</b> MPCB Consent to Operate is obtained and valid till 31.03.2027.  Pollution control equipments like ETP with ZLD facility and STP are provided for control of water pollution. Stacks, & scrubber are provided for control of air pollution.  Separate drains for storm water and trade sewage collection are provided
24	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	<b>Complied.</b> Separate drainage system provided for collection of trade and sewage effluents.
25	Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.	<b>Complied.</b> Separate drains are provided for Storm Water and effluent to avoid mixing.
26	The industry should not cause any nuisance in surrounding area.	<b>Complied.</b> We are not causing any nuisance in surrounding area.
27	The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m	<b>Complied.</b> Measures like acoustic enclosure, ear plug, earmuffs are adopted to keep the noise in in prescribed limits. Noise levels are being monitored by MoEF approved lab.  Noise monitoring report of March 2025 is attached as <b>Annexure-XVII</b> .
28	You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.	Noted and will be complied.
29	The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be	<b>Complied.</b> Ports, ladder platform is provided for all stacks.

Sr..	Conditions	Compliance
	open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.	We will provide identification number S-1 to S-4 for TFH, S-5 to S-11 to 7 nos of DG set, S-12 for incinerator & S-13 for Boiler of MEE.
30	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto	Noted & will be complied.
31	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.	<b>Complied.</b> Records of chemical consumption are maintained. Power consumption for pollution control facilities is available.
32	The applicant shall bring a minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30 <sup>th</sup> September every year on available open plot area, number of trees surviving as on 31 <sup>st</sup> March of the year and the number of trees planted by September end	We will provide 24,387.00 m <sup>2</sup> green area which is 33% of the total plot area.
33	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.	Noted.
34	The firm shall submit to this office, the 30 <sup>th</sup> day of September every year, the Environment Statement Report for the financial year ending 31 <sup>st</sup> March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992	We will submit Form-V on 30 <sup>th</sup> day of September every year once the unit is operational.
35	The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	Noted.
36	The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.	<b>Complied.</b> Sample ports are provided for stacks.
37	You shall obtain necessary prior permission for providing additional control equipment with	Noted.

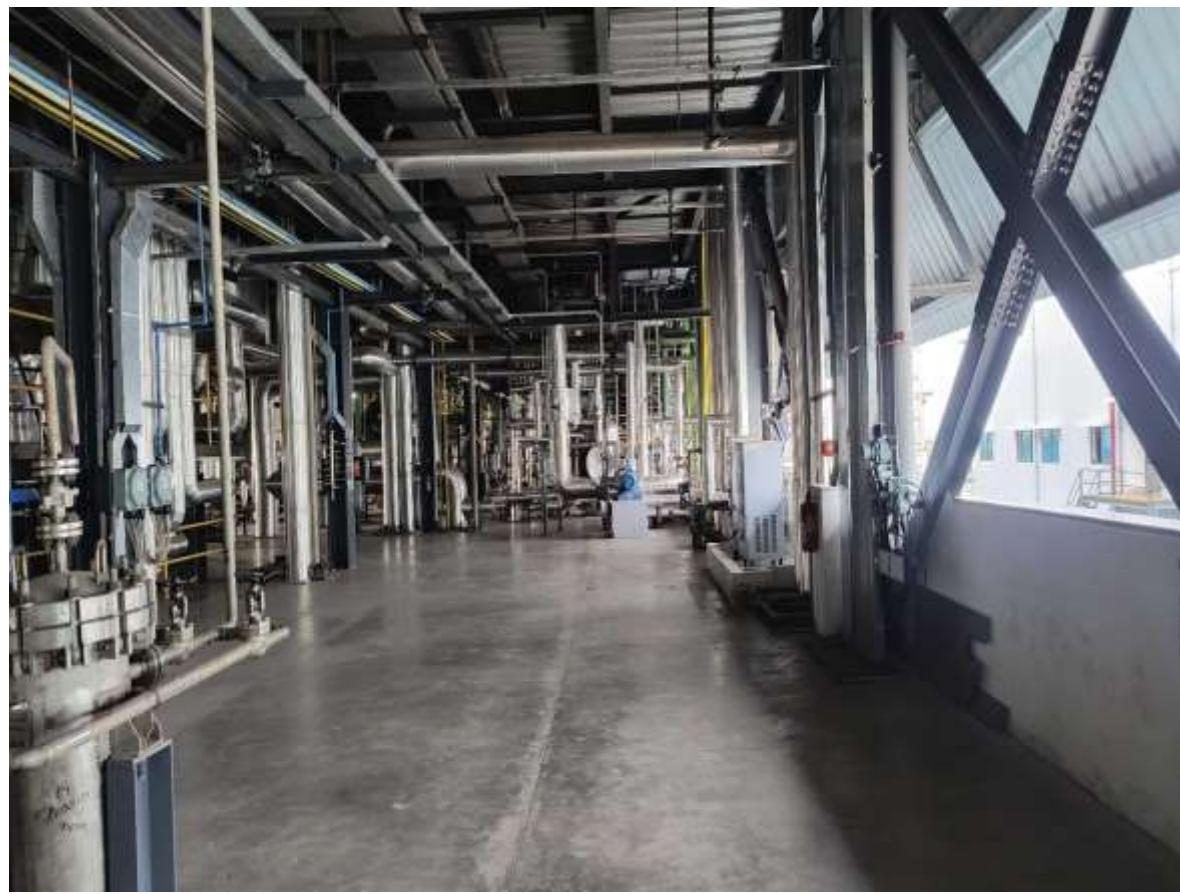
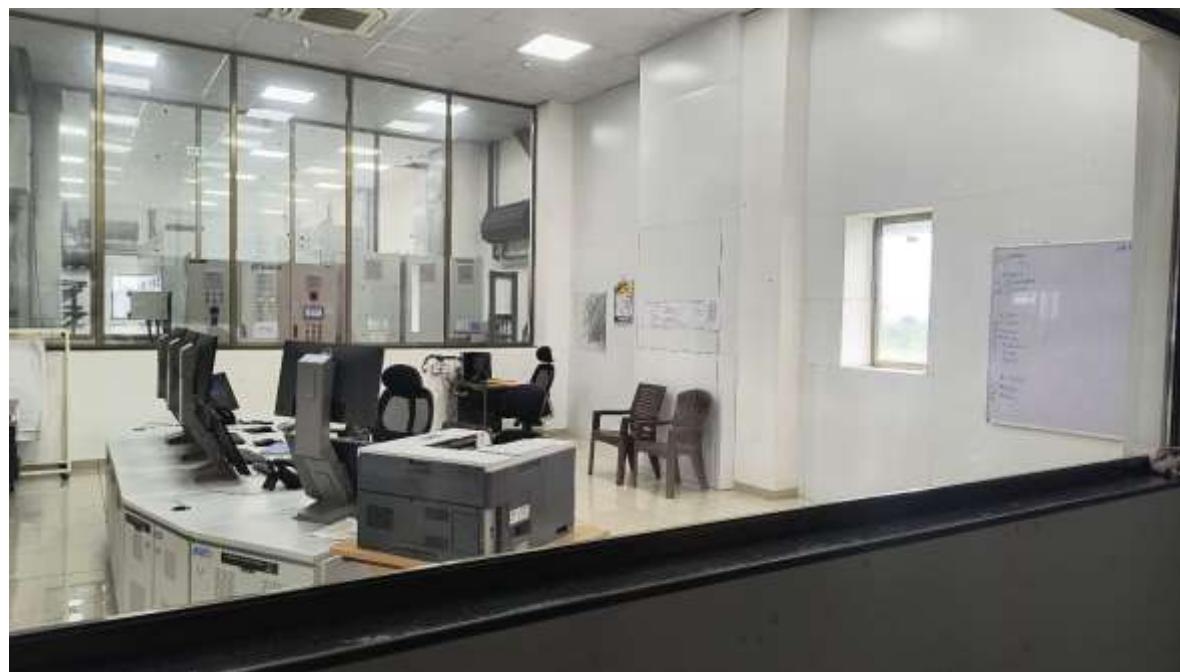
Sr..	Conditions	Compliance
	necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	
38	You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ( <a href="http://www.mpcb.gov.in">www.mpcb.gov.in</a> ).	Noted and will be complied.
39	You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.	<b>Complied.</b> Environmental Management Cell is formed and meeting conducted on 20.12.2024 to check compliances related to compliance of Consent, found ok.
40	You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year.	Noted and will be followed.

**ANNEXURE -I**  
**Site photographs**





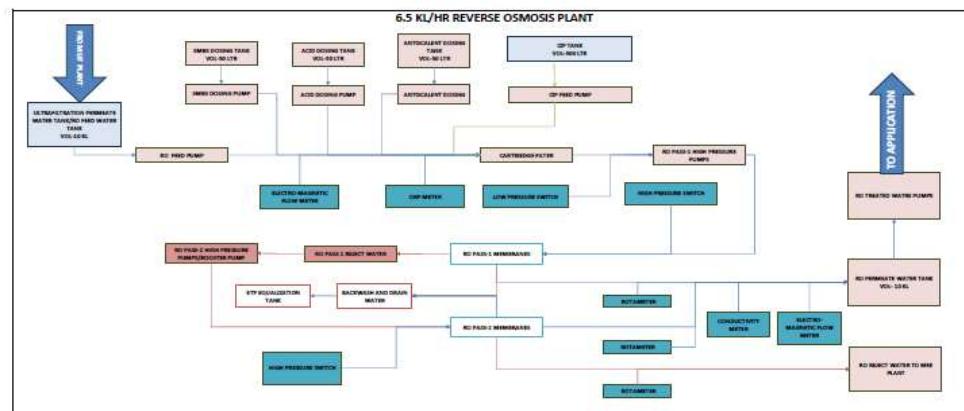
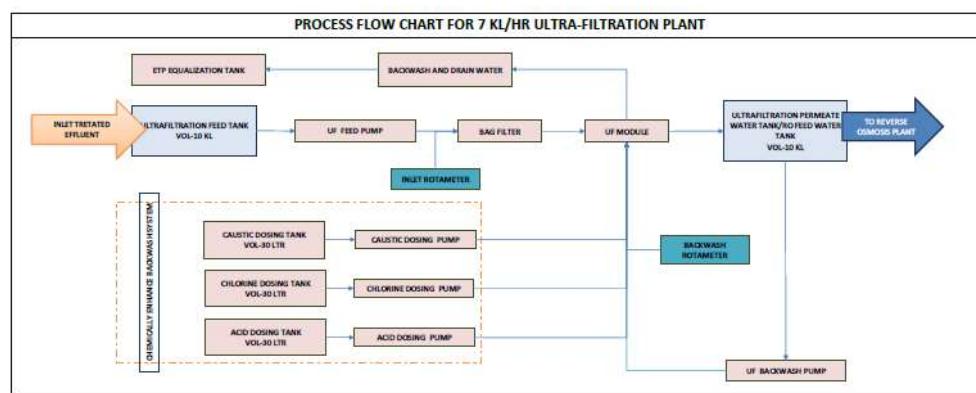
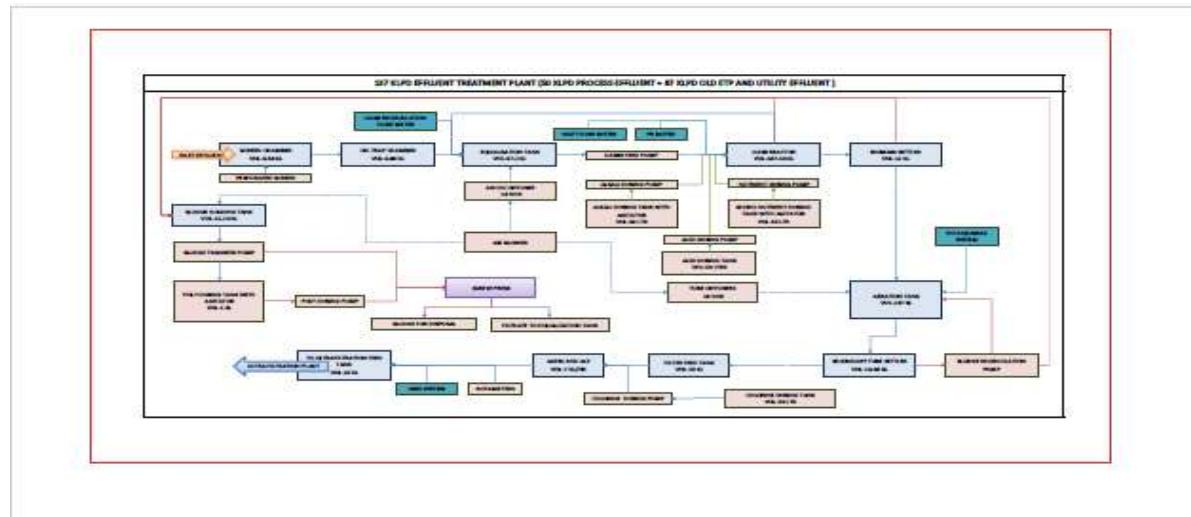




<b>Labour Camp</b>	
 A photograph showing a large industrial reverse osmosis (RO) water treatment system. It consists of two large blue vertical tanks, a white control panel with a digital display, and a large white cylindrical storage tank. The system is situated outdoors, with corrugated metal walls visible in the background.	
<b>RO drinking water facility for labour colony</b>	
 A photograph of a group of children standing outdoors in a dirt area. A woman in a red sari is holding a white board with handwritten text that appears to be in a local language. Laundry is hanging on a line in the background.	 A photograph showing a long row of simple, single-story houses made of corrugated metal and concrete. The houses are built close together, and the ground in front is dirt.
<b>Kids Teaching facility</b>	<b>Rooms in labour camp and colony</b>

## Annexure-I

## Plan for ZLD (ETP, UF & RO)



## Annexure-II

Hazardous Waste Manifest dt. 27.03.2025

**Maharashtra Pollution Control Board****महाराष्ट्र प्रदूषण नियंत्रण मंडळ****Manifest For Hazardous And Other Waste**

Submitted Date : 27-03-2025

**Apply as Generator**

Unit Name	Plant Name	Submit To
REVALYU RECYCLING (INDIA) LIMITED	REVALYU RECYCLING (INDIA) LIMITED	SRO-Nashik

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
REVALYU RECYCLING (INDIA) LIMITED	Gat No. 48, 49/1, 49/2, Village Avankhed, Taluka Dindori, District Nashik, 422 202.	9730250085	dyeola@revalyu.in

Sender authorisation No	Manifest Document No	Membership No (if any)
Format1.0/CAC/UAN No.0000204540/CO/2407003047	MPCB-HW_MANIFEST-0000621238-449635	Agreement

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s. M. K. Oil Lubricating Industry Gat No. 218, Village Talegaon, Tal. Dindori, Dist. Nashik	MH-04/FP-4026	Talegaon, taluka Dindori	8888888192	jahangirmalik124@gmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	27-03-2025	5.1 Used or spent oil	Used or spent oil	2.35	MT	Recycler		Maharashtra	MK oil Lubricant industries	Talegaon, taluka Dindori	8888888192	jahangirmalik124@gmail.com
Number of Containers			Physical Form			Special Handling Instructions And Additional Information						
12			Liquid			Use handgloves, safety goggles, gumboots, nose mask while handling						

## Annexure-III

## Copy of Membership Certificate of CHWTSDF

*We Enrich Nature*

**MAHARASHTRA**  
**ENVIRO POWER LTD**

**Common Hazardous Waste Treatment, Storage & Disposal Facility (CHWTSDF)**

This is to certify that **M/S REVALYU RECYCLING (INDIA) LIMITED** Address: Gat No. 48, 49/1, 49/2, Village Avankhed, Taluka , Dindori, District Nashik, 422 202, Maharashtra, India Is A Valid Member Of CHWTSDF (As per MOU with MIDC & MPCB) at Plot No.P-56, Ranjangaon MIDC, Taluka – Shirur, Pune - 412 220.

Certificate issued on 18<sup>th</sup> Oct' 2024 is valid till 17<sup>th</sup> Oct' 2029

For Maharashtra Enviro Power Ltd.

  
Asif Hussain  
Director

Membership No. : MEPL/33007474

*An ISO 9001:2015 & 14001:2015 Certified Company*

## Annexure-IV

## Copy of Plan approval from DISH

 <p>महाराष्ट्र शासन औद्योगिक सुरक्षा व आरोग्य संचालनालय</p>	
<p>Directorate of Industrial Safety &amp; Health, 3rd floor, Udyog Bhavan, Nr. ITI Signal, Satpur, Nashik. 422007</p>	
Ref No:	121600000036253
प्रति	दिनांक :
भौगोलिक व्यवस्थापक,  <b>REVALYU RECYCLING (INDIA) LIMITED</b> Gut No. 48, 49/1,49/2, Village Avankhed,Dindori,Nashik,MAHARASHTRA,422202 विषय: कारखाने अधिगियम, १९४८ खाली कारखाने नकाशी मंगुवीशापत, इनारत खाली शोधारी/कारखानाची पुरारिशना विषया यादीव बोधवास. संदर्भ: आगले पत्र नं. १०००६५६८२४२९ दिनांक : २०/०८/२०२४ उपरोक्त विषयाब्द संदर्भात नकाशाच्या दोन प्रतीकै एक प्रत नव्या कालन खालील अटीनुसार देखात येत जाई.	
<u>अटी</u>	
<p>1 This approval is in continuation of the previous plan approval vide Ref No 111600000034005 on date- 29/01/2024 and extends to additions marked in red colour and deletion marked in YELLOW colour in site plan</p> <p>2 Fire fighting arrangement shall be provided in accordance with provisions of Rule 71-B of Maharashtra Factories Rules, 1963</p> <p>3 Certificate of Stability shall be obtained in form No. 1-A and copy shall be submitted to office as per Rule 3-A of Maharashtra Factories Rules, 1963</p> <p>4 Emergency exit provisions shall be in accordance with 70(9) of Maharashtra Factories Rules, 1963</p>	
Signature valid Digitally Signed by ANJALI S. DEEPM RATHOD Date: 2024-08-23 2:05:18 PM	
आगला विषय सह संचालक औद्योगिक सुरक्षा व आरोग्य, नांदिक	

## Annexure-V

## Copy of DISH Factory licence

 <b>संघराज्य भारत</b>	 <b>जापानी सेवा</b> <b>आगवे कर्तव्य</b>
<b>महाराष्ट्र शासन</b>	
<b>शैक्षणिक सुलभ व आरोप संवादनालय (संवाद निधन)</b>	
<b>प्रकाशन क्र. ८८००८</b>	
<b>नमूना क्रमांक १</b>	
<b>(निवन ६ व ८ पात्रां)</b>	
<b>कारखान्याची नोंदवी व कारखाना चालविण्याचा संबंधीय पत्रवाना</b>	
<b>नोंदवी क्रमांक :</b> १११६०२२२०९०९५६	
	
<p>कारखाने अधिनियम, १९८८ अंतर्गत स्थावरी असलेले निवासाचा वापर तातुरीमध्ये ऐकल्य उत्तमाकृतीचे (डिझेन्यु लिनिंग) यांची खाली राशी केलेला यांत्रिक कारखाना सांस्कृतिक पत्रवाना देण्यात आला आहे.</p> <p>या पत्रवान्याचे या यांत्रिक कारखान्याची एका नियमी ५०० पाच वर्ष कारभार साकारात आणि २००० वर्षा तात्पूर असलेली उत्पादनांचे आणगाव घटवानी आहे.</p> <p>या पत्रवान्याची भुदत ३१ डिसेंबर २०२४ पर्यंत आहे.</p> <p>परवान्याचे नुसारीकरण १ यांत्रिकी २०२५ ते ३१ डिसेंबर २०२४ पर्यंत कारभार आले आहे.</p> <p>सुक्र. ५. - प्राप्तप्र०५६० पोर्टेल</p>	
<i>Digitaly Signed by DEEPAK UTTAMRAO POKALE Date: 2024-08-28 7:17:41 PM</i>	
<i>Signature valid</i>	
	
<b>कारखाना</b> <b>शैक्षणिक सुलभ व आरोप</b> <b>महाराष्ट्र शासन, नालिका</b>	
<b>पत्रवाना विलेखा घारावेह वर्तमान</b>	
<b>पत्रवाना विलेखा कारखान्याची</b>	
<b>factory Name:</b>	ऐकल्य उत्तमाकृतीचे (डिझेन्यु लिनिंग)
<b>नाम:</b>	गट न. ४८, ४९/१, ४९/२, विलेखा
<b>Address :</b>	वारांखेड, दिलोरी, नाशिक, महाराष्ट्र, 422202
<b>क्रमांक:</b>	२२२०९
<b>शैक्षणिक नवीकारात :</b>	२२२०९
<b>कारखान्याच्या इनारीवी नवाची दिनांक २३.०८.२०२४ च्या जावळ क्रमांक १२१६००००००३६२५३ यांची नव्या केले गेले आहेत.</b>	
<b>It should be noted that, this license is issued to the factory with respect to your application no. 100014082440 and subject to the compliance of the all the conditions mentioned as per Rule 6a of Maharashtra factories rules, 1963. The previous license no shall be treated cancelled.</b>	
<b>This Certificate is digitally signed by on: 28-08-2024</b>	
<b>ऐकल्य कारखान्याची नवीकारा व कारखाना सांस्कृतिक पत्रवाना आहे, ता पत्रवाना देण्यात काळाकृते नव्या यांत्रिक हा कारखाना लिनिंग आहे, ता यांत्रिक कांडाकृतीची येता आवश्यक वापर सोबत नाही तरीह या यांत्रिक हा कारखाना लिनिंग आहे ती याता आव दिनांक येतेह असिलेला असलेला भावकाला पर्याप्त आहे तात्पूर योग्यवादात आव आहे नाही.</b>	

## Annexure-VI

## Copy of Proforma of Safety Audit in Schedule II

<b>SCHEDULE II</b> <b>[See rule 8 and 9 (1)]</b> <b>Proforma for Safety Audit Report</b> <b>Part – A</b>				
(1)	Name and address of the factory	M/s. Revalyu Recycling (India) Limited. Gat No. 48, 49/1, 49/2, Village Avankhed, Tal. Dindori, District Nashik – 422 202.		
(2)	Name of the Occupier /Name of Factory Manager	Mr. Dhanvant Yeola / Mr. Shallendra Bhavasar		
(3)	(a) Date and time of opening meeting of Safety Audit	29/12/2024 at 10:00 AM		
	(b) Date and time of closing meeting of Safety Audit	29/12/2024 at 05:00 PM		
	(c) Total man days taken to conduct the Safety Audit	01		
(4)	List of raw material with maximum storage quantity and its mode of storage	Sr. No.	Name of Material	Qty
		01	Annexure A	
(5)	List of finished products with maximum storage quantity and its mode of storage	Sr. No.	Name of Material	Qty
		01	Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	91250 MT/A
(6)	Manufacturing process flow chart (attached separate sheet)	Attached		
(7)	List of dangerous operations carried out in the factory as defined in rule 114 of the Maharashtra Factories Rules, 1963	Nil		
(8)	(a) Name of the Safety Auditor / s	Shri. Vishal Arunrao Pachpute		
	(b) Certificate No. and it's validity duration	S.A.C. No. SA/P-03/2024 & Oct 15, 2026		
(9)	Whether enclosed Safety Audit Report is as per the Indian Standard, IS 14489: Code of Practice on Occupational Safety & Health Audit, or any such standards prevailing at the relevant time, whichever is latest.	As Per IS 14489-2018		

Date: 29/12/2024



Signature of Safety Auditor

## Annexure-VII

## Ambient Noise monitoring report for March 2025.



**Ashwamedh Engineers & Consultants**  
Survey No. 103, Plot No.26, Wadala Pethardi Road,  
Indira Nagar, Nashik - 422009, Maharashtra, India  
(Near Guru Gobind Singh School, Near Pandav Nagar,  
Tum al Sai Mandi Chowk / Samrat Sweet Tumng)  
[sales@ashwamedh.net](mailto:sales@ashwamedh.net) +91-253-2392223

## NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/03/25/0382	Report No. N/03/25/0382	Report Date	13/03/2025
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 48, 49/1, 49/2, Village Avankhed, Tal. Dindori, Dist. Nashik-422202 Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	P.O. No. PO/Project/SER-0013/24-25 dated 24.04.2024	Door-Monitoring	10/03/2025

Chemical Testing: Group: Atmospheric Pollution				
Location	Time (h)	Results Noise Level dB (A) Fast Response	Method	
NSK 2 CP	10:00	70	CPEP Protocol for Ambient Noise Monitoring July 2025	
	11:00	72		
	12:00	70		
	13:00	72		
	14:00	69		
	15:00	69		
	16:00	68		
	17:00	66		
	18:00	63		
	19:00	67		
	20:00	65		
	21:00	64		
	22:00	63		
	23:00	64		
	24:00	65		
	01:00	55		
	02:00	56		
	03:00	57		
	04:00	58		
	05:00	62		
	06:00	53		
	07:00	59		
	08:00	67		
	09:00	65		
Limit				
As per the Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1))				
Area Type	Limits in dB (A) weighted scale			
	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)	70	
Industrial Area	75			
Average Results	67	59		
Noise Level dB (A) Fast Response				

Nived Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



End of Report

## Note:

1. The results listed refer only to the tested sample(s) and applicable parameter(s)
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusion from the method.



AEC/F/REP/J-G  
Page 1 of 1

## Annexure-VIII

## MPCB Consent to Operate valid till 31.03.2027

<b>MAHARASHTRA POLLUTION CONTROL BOARD</b>																
<b>Tel:</b> 24010706/24010437 <b>Fax:</b> 24023516 <b>Website:</b> <a href="http://mpcb.gov.in">http://mpcb.gov.in</a> <b>Email:</b> <a href="mailto:cac-cell@mpcb.gov.in">cac-cell@mpcb.gov.in</a>	 <b>Kalpataru Point, 2nd, 3rd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022</b>															
<b>RED/L.S.I (R47)</b> <span style="float: right;">Date: 31/07/2024</span> <b>No:- Format1.0/CAC/UAN</b> <b>No.0000204540/CO/2407003047</b>																
<b>To,</b> <b>REVALYU RECYCLING (INDIA) LIMITED</b> <b>Gat No. 48, 49/1, 49/2, Village Avankhed, Taluka Dindori, District Nashik, 422 202.</b>																
																
<b>Sub:</b> <b>1st Consent to operate</b> <b>Ref:</b> <ul style="list-style-type: none"> <li>1. Consent to Establish granted by the Board Format1.0/CAC/UAN No. -0000135869/CE/2209001095 dtd. 17/09/2022.</li> <li>2. Environmental Clearance vide no. .EC Identification No. EC22B019MH116596 file No. SIA/MH/IND/251563/2022 dtd. 17/08/2022</li> <li>3. Minutes of CAC meeting dtd. 27/06/2024</li> </ul>																
<p>Your application No.MPCB-CONSENT-0000204540 Dated 27.03.2024</p> <p>For: grant of Consent to Operate under Section 26 of the Water (Prevention &amp; Control of Pollution) Act, 1974 &amp; under Section 21 of the Air (Prevention &amp; Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous &amp; Other Wastes (Management &amp; Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III &amp; IV annexed to this order:</p>																
<ol style="list-style-type: none"> <li>1. <b>The consent to operate is granted for a period up to 31/03/2027</b></li> <li>2. <b>The capital investment of the project is Rs.515.3121 Crs. (As per C.A Certificate submitted by Industry Existing CI is-Rs. 490 Crs )</b></li> <li>3. <b>Consent is valid for the manufacture of:</b></li> </ol>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr No</th> <th style="width: 60%;">Product</th> <th style="width: 15%;">Maximum Quantity</th> <th style="width: 15%;">UOM</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;"><b>Products</b></td> </tr> <tr> <td>1</td> <td>Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)</td> <td>91250</td> <td>MT/A</td> </tr> </tbody> </table>		Sr No	Product	Maximum Quantity	UOM	<b>Products</b>				1	Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	91250	MT/A			
Sr No	Product	Maximum Quantity	UOM													
<b>Products</b>																
1	Pet chips (Recycled PET chips, Recycled Oligomer, Partially Oriented Yarn, Fully drawn Yarn)	91250	MT/A													
<ol style="list-style-type: none"> <li>4. <b>Conditions under Water (P&amp;CP), 1974 Act for discharge of effluent:</b></li> </ol>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr No</th> <th style="width: 25%;">Description</th> <th style="width: 15%;">Permitted (in CMD)</th> <th style="width: 15%;">Standards to</th> <th style="width: 45%;">Disposal Path</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Trade effluent</td> <td>96</td> <td>As per Schedule-I</td> <td>Recycle 100% to achieve ZLD</td> </tr> <tr> <td>2.</td> <td>Domestic effluent</td> <td>36</td> <td>As per Schedule-I</td> <td>On land for gardening</td> </tr> </tbody> </table>		Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path	1.	Trade effluent	96	As per Schedule-I	Recycle 100% to achieve ZLD	2.	Domestic effluent	36	As per Schedule-I	On land for gardening
Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path												
1.	Trade effluent	96	As per Schedule-I	Recycle 100% to achieve ZLD												
2.	Domestic effluent	36	As per Schedule-I	On land for gardening												

## Annexure-IX

## Copy of Policy under Public Liability Insurance Act.

पॉलिसी अनुसूची Policy Schedule-Public Liability Insurance Act		
पॉलिसी नंबर / Policy Number: 270200492410000075	अनुसार स्रोत/Business Source: 910014	
वार्तालाली वार्तालाली/Waxing Office वार्तालाली कोड/Office Code: 270200 वार्तालाली पर्सनल ऑफिस/Office Address: PUNE BUSINESS OFFICE II Mahalaxmi Street, 585, Sadashiv Peth, Laxmi Road, Pune, Maharashtra, - 411030. प्रांत कोड/State Code: 27, Maharashtra संग्रहालय/GSTIN: 27AAACN9997E1Z3 फोन/Phone/Contact Number: 02 24454248 फोन/Phone/Mobile Number: 0	विक्री चैनल/Sales Channel कोड/Code: 91001400000001 नाम/Name: HERITAGE INSURANCE BROKERS PVT LTD - HD फोन/Phone/Contact Number: 9732943002	
Customer Care Toll Free Number: 1800 345 0330 email:customer.support@nic.co.in		
काला का नाम/Customer Name: REVALYU RECYCLING(INDIA)LIMITED पार्सनल ऑफिस/Office Address: GAT NO.:265/A,266, VILLAGE- AVANKHED,TAL:DINDORI,DIST:NASHIK:422201, शहर/City: NASHIK - DISTRICT OTHERS, तालुक/District: NASHIK, राज्य/State: MAHARASHTRA, फोन/Phone/PIN: 422201. फोन/Phone: *****99	काला नाम/ Customer ID: 9702172448 फोन/Phone: *****99	पैन/ PAN: *****0Q
पॉलिसी वैधती समय से गो Policy Effective from 00:00 hours, on 23/02/2025 को समय तक वैधती/to midnight of 22/02/2026 .		
प्रीमियम /Premium	₹ 23,647.60	काला नाम का डीरे Cover Note Number and Date
मीटीएसटी/CGST	₹ 2,128.00	प्रैसार संखा वारे डिट/Proposal Number and Date
एमीएसटीएसटीएसटी SGST/UTGST	₹ 2,128.00	8800230327303601 तिथिDt. 25/12/2024
मार्केटिंगस्टॉप/GST	₹ 0.00	
कालान्तरी डिट/ Less/GST_TDS	₹ 0.00	
वापसी दोष दायर दुकान / Recoverable Stamp Duty	₹ 0.00	प्राप्त राशि का रिप्प/ Receipt Number and Date
गो गो Total Amount*	₹ 51,550.00	पॉलिसी वैधती समय का अप्पन डीरे/ Previous Policy Number and Expiry Date 270200612410005744 तिथिDt. 24/02/2025 270200492210000109 and Dt.20/02/2024 270200492310000063 and Dt.22/02/2025
(अम.)/Rupees Fifty One Thousand Five Hundred Fifty रुपया/Only.)		
* पर्यावरण दुकान का ₹ 23,646.60 /Environment Relief Fund:		
<b>Insurance Details:</b>		
Policy Effective from 00:00 hours, on 23/02/2025 to midnight of 22/02/2026		
PLI act Premium	1,39,980.00	
Service tax	0.00	
Recoverable stamp duty	0.00	
ERF premium	1,39,980.00	
Total amount	2,79,920.00	
Retrospective date:	23/02/2024	
Description of risk	PLI ACT	
Paid up capital/Market Value of Asset/stock:	5,00,00,000.00	
Liability/Any one accident(AOA):	5,00,00,000.00	
Any one year(AOY):	15,00,00,000.00	
Ratio of AOA/AOY:	1:3	

## Annexure-X

## EPR registration for Recycling or process of Plastic Waste



Regn. No.  
PR-16-MAH-04-AAACH73900-25

**Maharashtra Pollution Control  
Board**

Kalptaru Point, 2nd - 4th Floor, Opp. Cine Planet,  
Sion Circle, Sion (E), Mumbai - 400 022,  
Maharashtra

Date:  
16-04-2025 04:03 PM

**REGISTRATION CERTIFICATE FOR RECYCLING OR PROCESSING OF PLASTIC WASTE**

(Under Rule-13(3) of the Plastic Waste Management Rules, 2016, as amended)

To,  
**revalyu recycling (India)  
limited ,**  
Gat No. 48, 49/1, 49/2,  
Village Avankhed, Nashik,  
422202,Nashik,Maharashtra-  
422202

- With reference to the application dated **15-01-2025** regarding registration as a Recyclers/Co-processors/, your application has been processed and found in order. Now, therefore, **Maharashtra Pollution Control Board** is pleased to grant the registration in favour of **revalyu recycling (India) limited**, vide registered address **Gat No. 48, 49/1, 49/2, Village Avankhed, Nashik, 422202, Nashik, Maharashtra -422202** for processing of plastic waste, as per details given below:

Processing Code	R1	Quantity (TPA)
Processing Capacity	Cat-I	43800.0000
	Cat-II	..
	Cat-III	..
	Cat-IV	..
Production Capacity	Product	Quantity (TPA)
	PET [R1]	43782.0000

- This certificate of registration shall be valid for a period of **One Year** from the date of issue of the letter unless revoked, suspended or cancelled.
- The unit shall process the plastic waste (Quantity & Type) as per the Process Flow Diagram (Section 8) and using the plant machinery as per the details given at (Section 11).
- The quantity of plastic waste processed in the unit shall be as per details given in Clause 1.0 above. The amount of plastic packaging waste recycled processed by the PWP shall not be more than installed capacity of the enterprise
- Recycling of plastic waste shall conform to the Indian Standard: IS 14534: 1998 titled

1

## Annexure-XI

## STP outlet report for March 2025



**Ashwamedh**  
Engineers & Consultants  
Laboratory Services Division



**Ashwamedh Engineers & Consultants**  
Survey No. 102, Plot No.26, Wadala Pathardi Road,  
Indira Nagar, Nashik - 422009, Maharashtra, India  
(Near Guru Gobind Singh School, Near Pandav Nagar,  
Tum at Sai Mandir Chowk / Samrat Sweet Tuming),  
[sales@ashwamedh.net](mailto:sales@ashwamedh.net) +91-253-2392225

## TEST REPORT

Sample ID : E/03/25/057	Report No. E/03/25/057	Report Date	14/03/2025	
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Get No. 48, 49/1, 49/2, Village Avanikhed, Tal. Dindori, Dist. Nashik-422202, Maharashtra			
Sampling done by	Customer	Sample Description / Type	Treated Sewage Effluent	
Sampling Location	STP Outlet	Date - Receipt of Sample	06/03/2025	
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	06/03/2025	
Order Reference	Test Request No. AEC/TR/03/2025/398 dated 06.03.2025	Date - Completion of Analysis	13/03/2025	
Sr.No.	Parameter	Result	Limits as per MPCB Consent	
			Unit	
			Method	
<b>Chemical Testing; Group: Pollution &amp; Environment</b>				
1	pH (at 25°C)	7.78	Not specified	-
2	Total Suspended Solids	8	Not to exceed 50	mg/L
3	Biochemical Oxygen Demand (3 days, 27°C)	10	Not to exceed 30	mg/L
4	Chemical Oxygen Demand	40	Not to exceed 100	mg/L
5	Total Dissolved Solids	270	Not specified	mg/L
6	Oil & Grease	BLQ (LOQ:1)	Not specified	mg/L
7	Chloride (as Cl)	43	Not specified	mg/L
8	Sulphate (as SO <sub>4</sub> <sup>2-</sup> )	2.6	Not specified	mg/L
9	Ammonical Nitrogen (as NH <sub>3</sub> -N)	BLQ (LOQ:0.1)	Not specified	mg/L
10	Percent Sodium	46.3	Not specified	%

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

  
Nived Soundarkar  
Technical Manager (Chemical)  
Reviewed & Authorised by



End of Report

## Note:

1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.



AEC/T/REP/1-A  
Page 1 of 1

## Annexure-XII

## Analysis report of TFH stack for January 2025

		<b>Ashwamedh Engineers &amp; Consultants</b> Survey No. 102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik - 422009, Maharashtra, India (Near Guru Gobind Singh School, Near Pandav Nagar, Tum or Sai Mandir Chowk / Samru Sweet Turning) <b>sales@ashwamedh.net +91-293-2392225</b>																																										
<b>STACK EMISSION MONITORING REPORT</b>																																												
Sample ID: SA/01/25/0417	Report No. SA/01/25/0417	Report Date	21/01/2025																																									
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Ghat No. 48, 49/1, 49/2, Village Avankhed, Tal. Dindori, Dist. Nashik-422202, Maharashtra																																											
Sampling done by	Laboratory	Sample Description / Type	Stack Emission																																									
Sample Quantity / Packing	PM: 1 no. thimble SO <sub>2</sub> : 30 ml x 1 no. plastic bottle NO <sub>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 x 1 no. bladder	Date - Sampling Date - Receipt of Sample	13/01/2025 14/01/2025																																									
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017, IS 13270:1992	Date - Start of Analysis	14/01/2025																																									
Order Reference	P.O. No. PO/Project/SER-0013/24-25 dated 24.04.2024	Date - Completion of Analysis	20/01/2025																																									
<b>Stack Details</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Stack Identity</td> <td colspan="3">NSK 2 TFH Stack No. 2</td> </tr> <tr> <td>Stack attached to</td> <td colspan="3">TFH Boiler</td> </tr> <tr> <td>Material of construction</td> <td colspan="3">MS</td> </tr> <tr> <td>Stack height above ground level</td> <td colspan="3">40 m</td> </tr> <tr> <td>Stack diameter</td> <td colspan="3">0.8 m</td> </tr> <tr> <td>Stack shape at top</td> <td colspan="3">Round</td> </tr> <tr> <td>Type of Fuel</td> <td colspan="3">LSHS</td> </tr> <tr> <td>Fuel Consumption</td> <td colspan="3">12000 L/d</td> </tr> </table>				Stack Identity	NSK 2 TFH Stack No. 2			Stack attached to	TFH Boiler			Material of construction	MS			Stack height above ground level	40 m			Stack diameter	0.8 m			Stack shape at top	Round			Type of Fuel	LSHS			Fuel Consumption	12000 L/d											
Stack Identity	NSK 2 TFH Stack No. 2																																											
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Fuel Consumption	12000 L/d																																											
Parameter	Result	Limits as per MPCB Consent	Unit	Method																																								
<b>Chemical Testing; Group: Atmospheric Pollution</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Flue Gas Temperature</td> <td>160</td> <td>-</td> <td>°C</td> <td>IS 10255 (Part 1): 2018</td> </tr> <tr> <td>Flue Gas Velocity</td> <td>9.3</td> <td>-</td> <td>m/s</td> <td>IS 10255 (Part 2): 2018</td> </tr> <tr> <td>Flue Gas Flow Rate</td> <td>10820</td> <td>-</td> <td>Nm<sup>3</sup>/h</td> <td>IS 10255 (Part 3): 2018</td> </tr> <tr> <td>Particulate Matter (PM)</td> <td>14</td> <td>150</td> <td>mg/Nm<sup>3</sup></td> <td>IS 10255 (Part 4): 2018</td> </tr> <tr> <td>Sulphur Dioxide (SO<sub>2</sub>)</td> <td>BLQ (LOQ:5)</td> <td>Not specified</td> <td>mg/Nm<sup>3</sup></td> <td>IS 10255 (Part 5): 2018</td> </tr> <tr> <td>Sulphur Dioxide (SO<sub>2</sub>)</td> <td>BLQ (LOQ:0.02)</td> <td>0.5</td> <td>kg/d</td> <td>IS 10255 (Part 6): 2018</td> </tr> <tr> <td>Oxides of Nitrogen (NO<sub>x</sub>)</td> <td>12.8</td> <td>50</td> <td>mg/Nm<sup>3</sup></td> <td>IS 10255 (Part 7): 2018</td> </tr> <tr> <td>Carbon Dioxide (CO<sub>2</sub>)</td> <td>1.4</td> <td>Not specified</td> <td>%</td> <td>IS 10275: 2018</td> </tr> </table>					Flue Gas Temperature	160	-	°C	IS 10255 (Part 1): 2018	Flue Gas Velocity	9.3	-	m/s	IS 10255 (Part 2): 2018	Flue Gas Flow Rate	10820	-	Nm <sup>3</sup> /h	IS 10255 (Part 3): 2018	Particulate Matter (PM)	14	150	mg/Nm <sup>3</sup>	IS 10255 (Part 4): 2018	Sulphur Dioxide (SO <sub>2</sub> )	BLQ (LOQ:5)	Not specified	mg/Nm <sup>3</sup>	IS 10255 (Part 5): 2018	Sulphur Dioxide (SO <sub>2</sub> )	BLQ (LOQ:0.02)	0.5	kg/d	IS 10255 (Part 6): 2018	Oxides of Nitrogen (NO <sub>x</sub> )	12.8	50	mg/Nm <sup>3</sup>	IS 10255 (Part 7): 2018	Carbon Dioxide (CO <sub>2</sub> )	1.4	Not specified	%	IS 10275: 2018
Flue Gas Temperature	160	-	°C	IS 10255 (Part 1): 2018																																								
Flue Gas Velocity	9.3	-	m/s	IS 10255 (Part 2): 2018																																								
Flue Gas Flow Rate	10820	-	Nm <sup>3</sup> /h	IS 10255 (Part 3): 2018																																								
Particulate Matter (PM)	14	150	mg/Nm <sup>3</sup>	IS 10255 (Part 4): 2018																																								
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BLQ: Below Limit of Quantification, LOQ: Limit of Quantification																																												
 Nitin Soundarkar Technical Manager (Chemical) Reviewed & Authorised by																																												
Page 1 of 2																																												

## Annexure-XIII

## Completion Certificate of DG set from Manufacturer

**POWERICA LIMITED**

Date: 10.01.2025



A PROMISE FOR POWER

Regd. Office & Corp. Mktg. Office:  
9th Floor, Bakhawal,  
Nariman Point,  
Mumbai 400 021

Tel: +91 22 6666 2525  
Fax: +91 22 4315 2515  
E-mail: alp@powericaitl.com  
Web: www.powericaitl.com

CIN : U31100MH1984PLC032825

**CERTIFICATE OF WORK COMPLETION**

Project: M/s : REVALYU RECYLING (INDIA) LIMITED

SCOPE OF WORK: 7X1500 KVA DG set accessories &amp; Low side work at Village- Avankhed Nashik Project

Purchase Order No.: PO/Project/Matl-0022/23-24 Dated: 26/04/2023

Sr. No.	DG No.	DG Set	Model	Serial No.	Commissioning Date
1	DG-1	Alternator	S7LID-C41	N23J426355	11.07.2024
		Engine	KTA-50-G8-I	25489199	
2	DG-2	Alternator	S7LID-C41	N23J426184	11.07.2024
		Engine	KTA-50-G8-I	25488950	
3	DG-3	Alternator	S7LID-C41	N23K488295	11.07.2024
		Engine	KTA-50-G8-I	25490281	
4	DG-4	Alternator	S7LID-C41	N23K457467	11.07.2024
		Engine	KTA-50-G8-I	25490276	
5	DG-5	Alternator	S7LID-C41	N23K477905	11.07.2024
		Engine	KTA-50-G8-I	25490279	
6	DG-6	Alternator	S7LID-C41	N23K446824	11.07.2024
		Engine	KTA-50-G8-I	25489675	
7	DG-7	Alternator	S7LID-C41	N23J426007	05.08.2024
		Engine	KTA-50-G8-I	25488949	

Owner: M/s REVALYU RECYLING (INDIA) LIMITED

GATE NO.48, 49/2, VILLAGE-AVANKHED, TALUKA – DINDORI, DIST. NASHIK - 422202  
GST Number: 27AAACM7390Q1ZQ

Contractor: M/s POWERICA LIMITED

9TH FLOOR, BAKHTAWAR, NARIMAN POINT  
MUMBAI MH-400021, INDIA  
GST Number: 27AAACP3812E1ZT

The work performed under the above Purchase / Purchase Orders has been reviewed and found to be completed for Supply &amp; Installation Work.

The date of Work completion of the project designated above is hereby 05.08.2024.

Thanking You

For

M/s Powerica Limited

For

M/s. REVALYU RECYLING (INDIA) LIMITED

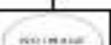


Offices at : Ahmedabad, Auroville, Bangalore, Chennai, Coimbatore, Goa, Gurgaon, Hyderabad, Kozhikode, Kollam, Kottayam, Madurai, Nagpur, Nashik, Pune, Secunderabad.



## Annexure-XIV

## Service report of DG set

		Distribution Business Unit Cummins Field Service Report		Dealership Branch : Trinity - Nashik Single Point Contact No : 9867857000 Customer care email ID : <a href="mailto:4service@cummins.com">4service@cummins.com</a>	
		TRINITY MAHALASA DURGA SALES AND SERVICES			
Service Order Type : Performance Check		Sub Type : NePI B-Check		Service Order Number : SON-TG-NS-2405-03738	
FGR No : FGR-SA-5172512		Date : 21-12-2024			
Customer Name : Revalyu Recycling India		Contact Person Name : Mr Vinod Kapas		Designation :	
				Contact No : 8329439500	
Customer Address : Dindori Maharashtra		Email Id : vinod.kapase@revalyu.in		Email Id 2 :	
ESN : 25469198	Gen/Equip Model : N23J425065	Alternator Sr. No :	Equip Sr. No :	Current Hours : 245.00	Cumulative Hours : 245.00
Engine Model : KT450-G6-I	DEM : Powertech Ltd	Avg. Monthly Running Hrs :		Last B Check done at Hrs & Date : Last D Check done at Hrs & Date : Air Cleaner element replaced Hrs & Date: 245.00, 20-12-2024	
IVA Rating : 1500	Branch Code : 00	Employee Number : 6183		Battery replaced at Hrs & Date: Coolant replaced at Hrs & Date:	
Digital Failure Code :	Brand and Grade of Lube Oil used : VCLPB15W40			Type of Coolant Used : EG Battery Make : Cummins Model : AR1012845 Battery Sr No. : 00	
DG Set : AMF	Controller Type : POC3000			Coolant Concentration Level : 0.80	
Engine Performance Parameters					Service Request Details
Low Idle RPM	800	Low Idle Pressure	300.00 kPa		Response to Service Request
High Idle RPM	1500	High Idle pressure	650.00 kPa		Failure Date
Full Load RPM	0 RPM	Full Load pressure	0.00		Failure Reported on
Coolant Temp. (DegreeC)	50.00	Lube Oil Temp. (DegreeC)	61.00		Customer Requested on
Cranking Voltage	20.00 Volts				Attended on
Parameters for Generator Set		Parameters for Other applications			Diagnosis Completed on
Voltage(AC)	415	Frequency (Hz)	50.00	Drilling Speed (Rpm)	Required Material Received on
Current (AclAmperes)	0	Load(kW)		Gear Speed (Rpm)	Actual Resolution Date
Stray Voltage(DC Volts)		Ripple Voltage (AC Volts)		Power Factor	20-12-2024 5:04:50 PM
Customer Complaint : NePI B check					
Inspection/Observation and Work Done in Brief : Attended the site carried out for NePI B check maintenance. During visit first done the A check maintenance. Then, started the engine for oil warmup upto 15 to minutes. Then, Drained the engine oil and Filled the new VCLPB15W40 CI4 plus oil. Also replace Fuel Filters, Oil Filters, Oil bypass Filters and Air Filters. Engine clean by cotton. Check coolant level is ok. Also taken POC Capture file. Check also all electrical connection and connectors are found ok. Then started the engine taken trial no load performance is Normal.					
Problem Resolution/Solution :					
Recommendation/Suggestion : Done NePI B check					
Customer Observation Data :					
Problem Status : Closed		Responsibility (If Status is Open) :			
Customer's Remarks:NA		Customer Experience :Satisfied			
Service Representative's Name : Arun Jag/SL1150		Customer Representative's Name: Mr Kapas vinod			
Cummins ID No: 151711623HAC_DAG		Service Rep Signature and Date : 20-12-2024 05:05:27 PM		Customer Signature and Date : 21-12-2024 12:27:50 PM	
Promotion ID No:		1147767			 

## Annexure-XV

## Stack emission monitoring report of DG set



**Ashwamedh**  
Engineers & Consultants  
Laboratory Services Division



**Ashwamedh Engineers & Consultants**  
Survey No. 102, Plot No.26, Wadala Pethadi Road,  
Indira Nagar, Nashik - 422009, Maharashtra, India  
(Near Guru Gobind Singh School, Near Pandav Nagar,  
Tum- at- Bai Mandir Chowk / Samrat Sweet Turning)  
[sales@ashwamedh.net](mailto:sales@ashwamedh.net) +91-253-2392225

## STACK EMISSION MONITORING REPORT

Sample ID : SA/11/24/0182	Report No. SA/11/24/0182	Report Date:	12/11/2024
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Got No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO <sub>2</sub> : 30 ml x 1 no. plastic bottle NO <sub>x</sub> : 25 ml x 1 no. plastic bottle	Date - Sampling	10/11/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Receipt of Sample	11/11/2024
Order Reference	Quo. Ref. No. ABC/NS/Q-15 dated 02.10.2024	Date - Start of Analysis	11/11/2024
Date - Completion of Analysis	12/11/2024		
Stack Details			
– Stack Identity	D G No. 2651 - E 01		
– Stack attached to	D G Set 1500 KVA		
– Material of construction	MS		
– Stack height above ground level	30 m		
– Stack diameter	0.4064 m		
– Stack shape at top	Circle		
– Type of Fuel	Diesel		
– Fuel Consumption	120 L/h		
Parameter	Result	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>			
Flue Gas Temperature	136	°C	Q1055 (Part 3):200
Flue Gas Velocity	9.2	m/s	Q1055 (Part 3):200
Flue Gas Flow Rate	4296	Nm <sup>3</sup> /h	Q1055 (Part 3):200
Particulate Matter (PM)	11	mg/Nm <sup>3</sup>	Q1055 (Part 8):200
Sulphur Dioxide (SO <sub>2</sub> )	5.42	mg/Nm <sup>3</sup>	Q1055 (Part 3):200
Sulphur Dioxide (SO <sub>2</sub> )	0.56	kg/d	Q1055 (Part 3):200
Oxides of Nitrogen (NO <sub>x</sub> )	16.2	mg/Nm <sup>3</sup>	Q1055 (Part 3):200

Geetanjali Patel  
Section In-charge (Chemical)  
Reviewed & Authorised by



## Note:

- The result listed refer only to the tested sample(s) and applicable parameter(s).
- This report is not to be reproduced except in full, without written approval of the laboratory.
- In case sampling is not done by laboratory, the results apply to the sample as received.
- There are no additions to, deviations or exclusions from the method.

## Disclaimer

Information is supplied by the customer (~) and can affect the validity of results.



AEC/F/RER/1-E  
Page 1 of 1

## Annexure-XVI

## Ambient Air Monitoring report for March 2025.

		 <b>Ashwamedh Engineers &amp; Consultants</b> Survey No. 303, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik - 422009, Maharashtra, India (Near Guru Gobind Singh School, Near Pandit Nagen, Tum at Sai Mandir Chowk / Samrat Sweet Turning) sales@ashwamedh.net +91-253-2392225		
<b>AMBIENT AIR QUALITY MONITORING REPORT</b>				
Sample ID : AA/03/25/0379	Report No. AA/03/25/0379	Report Date	19/03/2025	
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 48, 49/1, 49/2, Village Avankwadi, Tal. Dindori, Dist. Nashik-422202, Maharashtra			
Sampling done by	Laboratory	Sample Description / Type	Ambient Air	
Sampling Location	Near Main Gate	Date - Sampling	10/03/2025 to 11/03/2025	
Sample Quantity / Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 3 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each NH <sub>3</sub> : 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C <sub>6</sub> H <sub>6</sub> : 1 x 6 no. charcoal tubes CO: 3 x 1 no. bladder	Date - Receipt of Sample	13/03/2025	
Sampling Procedure	As per method reference	Date - Start of Analysis	13/03/2025	
Order Reference	P.O. No. PO/Project/SER-0013/24-25 dated 24.04.2024	Date - Completion of Analysis	18/03/2025	
<b>Meteorological Data / Environmental Conditions</b>				
Average Wind Velocity 1.2 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 36/13%	Temperature (Max./Min.): 35/25°C	
Parameter	Result	NAAQS# 2009	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Sulphur Dioxide (SO <sub>2</sub> )	7.67	80	µg/m <sup>3</sup>	IS 987 (Part 2/Sec 0-32/3)
Nitrogen Dioxide (NO <sub>2</sub> )	16.2	80	µg/m <sup>3</sup>	IS 987 (Part 0- 30)
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	21	100	µg/m <sup>3</sup>	IS 987 (Part 20- 200)
Particulate Matter (size less than 2.5 µm) or PM <sub>2.5</sub>	7	60	µg/m <sup>3</sup>	CPB Guidelines, Volume 13/200-13, Page No.0.333
Ozone (O <sub>3</sub> )	BLQ (LOQ:19.6)	180	µg/m <sup>3</sup>	Methods of Air Sampling and Analysis (WMA), 2nd Ed., Method 40, Pages: 103-108
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m <sup>3</sup>	EN/ISO/16013-10 & Compendium Method 0-21832, Jun 1998
Carbon Monoxide (CO)	1.58	4	mg/m <sup>3</sup>	CPB Guidelines, Volume 13/200-13, Page No. 200
Ammonia (NH <sub>3</sub> )	BLQ (LOQ:20)	400	µg/m <sup>3</sup>	CPB Guidelines, Volume 13/200-13, Page No. 200
Benzene (C <sub>6</sub> H <sub>6</sub> )	1.70	5	µg/m <sup>3</sup>	IS 982 (Part 0- 20)
Benzo (a) pyrene (BaP)	BLQ (LOQ:0.2)	1	ng/m <sup>3</sup>	IS 982 (Part 0- 20)
Particulate Phase only				
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m <sup>3</sup>	EN/ISO/16013-10 & Compendium Method 0-21834, Jun 1998

  
Section-in-Charge  
Section-in-Charge (Chemical)  
Reviewed & Authorized by



Page 1 of 2

# PARIVESH

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

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.	<b>EC22B019MH116596</b>
2. File No.	SIA/MH/IND2/251563/2022
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	5(d) Manmade fibres manufacturing
6. Name of Project	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 Recovery of 73,000 TPA of Mono 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.

(e-signed)  
Manisha Patankar Mhaiskar  
Member Secretary  
SEIAA - (Maharashtra)

Date: 17/08/2022



*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.*

## 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"><tr><td>Corner</td><td>Lat</td><td>20°14'8.20 N</td></tr><tr><td>1</td><td>Long</td><td>73°50'59.06"E</td></tr><tr><td>Corner</td><td>Lat</td><td>20°13'55.98"N</td></tr><tr><td>2</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	Lat	20°14'8.20 N	1	Long	73°50'59.06"E	Corner	Lat	20°13'55.98"N	2	Long	73°50'56.96"E	Corner	Lat	20°13'59.70"N
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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	<table border="1"> <tr> <td>Name</td> <td>Mr. Makarand Kulkarni</td> </tr> <tr> <td>Address</td> <td>Gat No:265/1,266, Village Avankhed, Taluka: Dindori, Dist: Nashik Pin 422002</td> </tr> <tr> <td>Tel.</td> <td>02557-228182</td> </tr> <tr> <td>Mobile no.</td> <td></td> </tr> <tr> <td>Email id</td> <td>mkulkarni@polygenta.com</td> </tr> </table>			Name	Mr. Makarand Kulkarni	Address	Gat No:265/1,266, Village Avankhed, Taluka: Dindori, Dist: Nashik Pin 422002	Tel.	02557-228182	Mobile no.		Email id	mkulkarni@polygenta.com
Name	Mr. Makarand Kulkarni													
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						
1 3	Name of layout plan approving Authority		Town planning-Nashik						
1 4	Estimated cost of Project (in Rs. Lakhs)		Rs.49000 lakhs						
1 5	Area of project (in Sq.m.)		Plot area: 73,900 m <sup>2</sup> Construction Area: 46,986.78 m <sup>2</sup>						
1 6	Whether 33% green belt is provided (Yes/No)		Yes						
1 7	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						
1 8	Width of internal roads and turning radius		Internal roads width: 12 m Turning radius: 7.5 m						
1 9	Details of proposed construction		<table border="1"> <tr> <td>Total Built-up Area m<sup>2</sup></td> <td>4</td> </tr> <tr> <td>No. of Buildings &amp; its height in m.</td> <td></td> </tr> </table>			Total Built-up Area m <sup>2</sup>	4	No. of Buildings & its height in m.	
Total Built-up Area m <sup>2</sup>	4								
No. of Buildings & its height in m.									
2 0	List of Raw materials & Storage Details (Pl. add on in the list if necessary)								
Sr.	Name of the Raw Material	Consumption Mt/month	Maximum storage details	Hazard Category	Proposed precautions to prevent Accident	Remarks			
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	-	-	-	-

Production Details					
Sr.	Name of product	Existing capacity Mt/month	Proposed Capacity Mt/month	Total Capacity Mt/month	Name of Products approving authority (like FDA of pharmaceutical etc.)
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>	NA

Water consumption & Effluent generation (All units in CMD)	
(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						
	Industrial Process	0	120	120	0	24	24	0	96	96						
	Industrial Cooling	0	320	320	0	0	0	0	0	0						
	Boiler	0			0	0	0	0	0	0						
	Domestic Purpose	0	40	40	0	4	4	0	36	36						
	Green Belt	0	122	122	0	0	0	0	0	0						
	Other (Specify if any)	0	0	0	0	0	0	0	0	0						
	<b>Total</b>	<b>0</b>	<b>600</b>	<b>600</b>	<b>0</b>	<b>28</b>	<b>28</b>	<b>0</b>	<b>132</b>	<b>132</b>						
23	Quantity of sewage generation (in CMD)	36 m <sup>3</sup> /day														
24	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.														
25	<b>Detail of Effluent Generation (unit CMD)</b>															
	Particulars	Existing			Proposed			Total								
	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								
26	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Yes														
27	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	Qty of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	Nil																														
2	<b>Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB</b>																															
9	<table border="1"> <thead> <tr> <th>Parameters</th><th>Inlet concentration (mg/L)</th><th>Outlet concentration (mg/L)</th></tr> </thead> <tbody> <tr> <td>pH</td><td>3-4</td><td>6.5-8.5</td></tr> <tr> <td>TSS</td><td>700</td><td>&lt;100</td></tr> <tr> <td>TDS</td><td>10000</td><td>&lt;500</td></tr> <tr> <td>COD</td><td>3000</td><td>&lt;100</td></tr> <tr> <td>BOD</td><td>10000</td><td>&lt;250</td></tr> <tr> <td>Heavy metals</td><td>-</td><td>-</td></tr> <tr> <td>Benzene</td><td>-</td><td>-</td></tr> <tr> <td>Other if any</td><td>-</td><td>-</td></tr> </tbody> </table>				Parameters	Inlet concentration (mg/L)	Outlet concentration (mg/L)	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	-	-	
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COD	3000	<100																														
BOD	10000	<250																														
Heavy metals	-	-																														
Benzene	-	-																														
Other if any	-	-																														
3	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	Solid Waste management																															
1	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>S r.</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 generation Mt/month</b>	<b>Propose d Quantity &amp; generation Mt/month</b>	<b>Total Quantity &amp; generation Mt/month</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/ Containing oil [Oily cotton waste & hand gloves]	Equipment Maintenance	-	0.30	0.30	Sale to authorized recycler
4	34.3	Chemical sludge from waste water treatment [Chemical 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)			Used 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 Gas	0	25 KLD	25 KLD	Thermic Fluid Heater	0	0.4	0.4	0	43.7 kg/day	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	1.29 kg/day	Yes

3	Brief Note on Air Pollution Control equipment's						Stack are proposed. All equipment designed to ensure CPCB norms			
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3	Sr.	Section/ Unit	Source pollutions	Stack No.	Stack height	Height from ground	Internal Diameter (inch)	Temperature of exhaust gas
5	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:	MSEDCL		
	b) Maximum Demand (KVA):	4,500 kVA		
	c) whether DG sets will be provided (Yes/No):	Yes		if yes:
	Sr.	No. of DG Sets	Capacity	
		Existing	Proposed	
	1	0	7 no x 1010 kVA	7 no x 1010 kVA
	d) Please Mention if high tension line is passing through the plot:	Yes/No		
	If yes, pl. give details of safety measures adopted:	Not Applicable		
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:	Not Applicable	
	ii)	Date of public hearing:	Not Applicable	

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	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)						
9	<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>	-	-	-
4	Other Relevant Information: (Pl. provide brief note on proposed project)			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) & Ethylene Glycol at Gat No 48,49/1,49/2 Village Avankhed, Taluka Dindori, Dist. Nashik- 422 202 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.		
4	Details of skill development program within			-		

1	Organization	
4	Details of environmental Monitoring Cell (Pl. 2 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	Details of court cases if pending in any Hon'ble court	Not Applicable
3		

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, Peeple, 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>sr</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)  
16/8/2022

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

