

Date: 29<sup>th</sup> November 2023

*Djays*  
20-11-23

To,

The Member Secretary,  
Maharashtra Pollution Control Board,  
3<sup>rd</sup> & 4<sup>th</sup> floor, Kalpataru Point,  
Opp. PVR Theatre, Sion (E),  
Mumbai-400 022.

**Maharashtra Pollution Control Board**  
Kalpataru Point, 2nd Floor, Sion Circle,  
Opp. Cine Planet, Sion (East),  
Mumbai - 400 022.  
Tel. 24010437 / 24020781.  
Website : [www.mpcb.gov.in](http://www.mpcb.gov.in)

Subject: Six Monthly Environment Monitoring data & Stipulate Environmental Clearance  
condition compliance report of our existing unit at Gat No. 265/1-266, Village: Avankhed,  
Tal-Dindori, Dist.-Nashik

Ref: EC ( POLYGENTA)-2009/CR.135/ TC.1 dated 15.02.2010

Respected Sir/Madam,

We are submitting half-yearly Compliance Report (hard & soft copy) for the period from April 2023 to September 2023, as specified in Clause 10(i) of MoEF Notification dt. 14<sup>th</sup> September 2006 & as per Condition No. 3(xxvii) of EC No. EC(POLYGENTA)/2009/CR.135/TC.1 dt. 15.2.2010.

This is for your kind perusal please

Thanking you.  
Yours truly,

For revalyu Recycling (India) Limited,

*Dhanyant H. Yeola*  
Dhanyant H. Yeola  
Executive Director-Technical



Encl.: Six monthly Environmental clearance report (April 2023 to September 2023,) along with  
the photocopies of Environmental Monitoring data & necessary documents.

CC: 1. The Member Secretary, SEIAA, Mumbai.  
2. The Regional Officer, MPCB, Nashik.  
3. Member Secretary, MoEF & CC, Nagpur

## REVALYU RECYCLING (INDIA) LIMITED

IMS (ISO 9001, ISO 14001 and ISO 45001), Oekotex Std-100, GRS (Global Recycle Standard), OBP (Ocean Bound Plastic) and REACH.

Registered Office and Plant : Gat No. 265/1-266, Village Avankhed, Taluka Dindori, Dist. Nashik - 422 202 | Ph.: +91 (0) 2557 228100 to 228209

Nashik Office : Bizsol 1/A/1B, First Floor, Plot No. 22, Indira Nagar, Wadala Road, Nashik - 422 006. | Ph.: +91 253 2992121

E-mail : [info@revalyu.in](mailto:info@revalyu.in) | <https://www.revalyu.in>

Corporate Identify Number : U17120MH1981PLC025388

Date: 29<sup>th</sup> November 2023

To,

The Member Secretary,  
State Environmental Impact Assessment Authority,  
Environment Dept. , Govt. of Maharashtra,  
Room No. 217-A, 2<sup>nd</sup> floor,  
Madam Cama Road, Hutatma Rajguru Chowk,  
Annex. Bldg., Manatralaya,  
Mumbai-400 001.

Subject: Six Monthly Environment Monitoring data & Stipulate Environmental Clearance  
condition compliance report of our existing unit at Gat No. 265/1-266, Village: Avankhed,  
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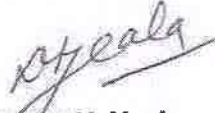
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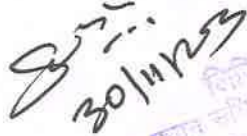
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Yours truly,

For revalyu Recycling (India) Limited.

  
Dhanvant H. Yeola  
Executive Director-Technical



  
30/11/23  
विशेष  
आवक व निर्यात कर  
प्रमाणपत्र व न्यायिक सेवा विभाग  
नगरपालिका, मुंबई-४०० ५३२

Encl.: Six monthly Environmental clearance report (April 2023 to September 2023,) along with  
the photocopies of Environmental Monitoring data & necessary documents.

CC: 1. The Member Secretary, MPCB, Mumbai.  
2. The Regional Officer, MPCB, Nashik.  
3. Member Secretary, MoEF & CC, Nagpur

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E-mail : info@revalyu.in | https://www.revalyu.in

Corporate Identify Number : U17120MH1981PLC025388

Date: 29<sup>th</sup> November 2023

To,

The Director,  
Integrated Regional Office (IRO),  
Ground Floor, East Wing,  
New Secretariat Building Civil Lines,  
Nagpur-440001.

Subject: Six Monthly Environment Monitoring data & Stipulate Environmental Clearance condition compliance report of our existing unit at Gat No. 265/1-266, Village: Avankhed, Tal-Dindori, Dist.-Nashik.

Ref: EC (POLYGENTA)-2009/CR.135/ TC.1 dated 15.02.2010

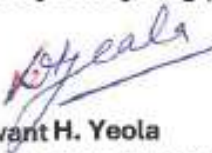
Respected Sir/Madam,

We are submitting half-yearly Compliance Report (hard copy) for the period from April 2023 to September 2023, as specified in Clause 10(i) of MoEF Notification dt. 14<sup>th</sup> September 2006 & as per Condition No. 3(xxvii) of EC No. EC(POLYGENTA)/2009/CR.135/TC.1 dt. 15.2.2010.

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CC: 1. The Member Secretary, MPCB, Mumbai.  
2. The Member Secretary, SEIAA, Nashik.  
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## REVALYU RECYCLING (INDIA) LIMITED

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E-mail : info@revalyu.in | https://www.revalyu.in

Corporate Identify Number : U17120MH1981PLC025388

**Revalyu Recycling (India)Limited.**

(Formerly known as

Polygenta Technologies Limited)

**Half yearly Compliance Report**

of

**Environmental Clearance**

For the period from

**April 2023 to September 2023**

**EC granted for Project activity for manufacturing of PET products like POY, Poly chips, & Ethylene Glycol with additional capacity increase, using waste non-biodegradable PET bottles as basic raw material.**

at

**Gat No. 265/1-266, Village: Avankhed, Tal.: Dindori,**

**District: Nashik**

**(Environmental Clearance Letter No. EC(POLYGENTA)-2009/CR.135/TC.1  
Dated 15<sup>th</sup> February 2010)**

**Compliance Status of EC conditions**  
**Environment Clearance.: EC(POLYGENTA)-2009/CR.135-TC.1 dated on 15.02.2010)**

EC Condition No.	List of Legal Compliance	Status
Sr. No. 3 (i)	'Consent to Establish " shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environmental department before start of any construction work at the site.	<b>Complied.</b> Consent to Establish was obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy was submitted to the Environmental department before start of construction work at the site. Consent to Operate is valid till 31.7.2024. Copy attached.
Sr. No. 3 (ii)	No land Development/construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	<b>Complied.</b> No land Development/construction work preliminary or otherwise relating to the project was taken up without obtaining Environmental Clearance.
Sr. No. 3 (iii)	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	<b>Complied.</b> No additional land was used or acquired for any activity.
Sr. No. 3 (iv)	Provision shall be made for housing of construction labour with the site all necessary infrastructure and facilities such as fuel for cooking , mobile toilets, mobile STP , Safe drinking water , Medical health care , creche etc. the housing may be in form of temporary structure to be removed after completion of the project.	<b>Complied</b> during construction stage, now not applicable as unit was commissioned and in operation as on today.
Sr. No. 3 (v)	For controlling fugitive natural dust , regular sprinkling of water & wind shield at appropriate distance in vulnerable areas of the plant shall be ensured.	<b>Complied.</b> During project stage. Now not applicable.
Sr. No. 3 (vi)	Regular monitoring of air quality including SPM & SO2 level both in work zone and ambient air shall be carried out in and around the project and recored shall be minitrend .The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board ( MPCB) & Submitted accordingly to MPCB.	<b>Complied.</b> Monitoring of AAQM regularly done regularly basis. Copy of the Ambient air monitoring report of September 2023 is attached herewith.



Sr. No. 3 (vii)	The process emission and particulate matter from various units shall conform to the standards prescribed by the concerned authorities from time to time. At no time the emission level shall go beyond the stipulate standards. In the event of failure of pollution control system (s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted unit the desired efficiency has been achieved.	<b>Complied.</b> Work zone monitoring was carried out to check the concentration of particulate matter is within limit and found ok. Copy of the work zone monitoring report of September 2023 is attached.
Sr. No. 3 (viii)	Fugitive emission in the work zone environmet product and raw materials storage area shall be regularly monitored. The emission shall confirm to the limits imposed by MPCB	<b>Complied.</b> Monitoring of work Zone area regularly basis and are within limit. Copy of the work zone monitoring report of September 2023 is attached.
Sr. No. 3 (ix)	During transfer of material spillage shall be avoided and garland drains be constructed to avoid mixing of accidental spillage with domestic waste & Storm drains.	<b>Complied:</b> Necessary precautions are being followed during material transfer to avoid accidental spillages.
Sr. No. 3 (x)	For control of process emissions, stack of appropriate height as per the CPCB guidelines shall be provided ,The scrubber water shall be sent to ETP for further treatment .	<b>Complied.</b> Stacks has been provided to Thermic Fluid Heater (TFH), DG Sets, & Boiler with adequate height. All the stacks are being regularly monitored and operating satisfactory. Industry has provided 41.50 Mtr, 13 Mtr (Each ) & 32 Mtr. Respectively. Scrubber water is taken in ETP for further treatment.
Sr. No. 3 (xi)	A detail Scheme for rain water harvesting shall be prepared and implemented to reachage ground water.	The project is planning to install rain water harvesting structure such as recharge pit/collection tank to conserve rainwater & it will be used in processes during rainy season.
Sr. No. 3 (xii)	Periodic monitoring of ground water shall be undertaken, and result analysed to ascertain any changes in the quality of water , Results shall be regularly submitted to Maharastra pollution control Board.	Not applicable as ground water is not accessible (no borewell provided).
Sr. No. 3 (xiii)	The project proponent shall treat the wastewater up the industry specific standards as notified in EPA or as laid down by the MPCB whichecker area stringent.	<b>Complied.</b> Waste water is treated to ensure that parameters are within limit as per MPCB standard. Copy of the ETP outlet for September 2023 is attached herewith.



Sr. No. 3 (xiv)	Leq of Noise level shall be maintained as per standards for people working in the high noise area , requisite personal protective equipment like earplug etc. shall be provided	<b>Complied.</b> Noise levels are monitored and it was ensured that it is as per standard for people working in high noise area. PPE's like Ear plug , ear muffs are provided & used by employee/workers. Ambient and work zone noise levels were monitored. Copy of the noise monitoring report for September 2023 is attached.
Sr. No. 3 (xv)	The overall noise level in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosure etc. On all sources of noise generation , the ambient noise level shall confirm to the Standards prescribed under Environmental ( Protection ) Act , 1986 Rules,1989.	<b>Complied.</b> Necessary noise control measures like acoustic enclosure is provided to DG set to control noise level. All the employees working in site are provided with earmuffs/ear plugs and it's use is ensured. Noise level measurement is carried out regularly as per requirement & the results are found within prescribed limits. Copy of noise level monitoring report of September 2023 is attached herewith.
Sr. No. 3 (xvi)	Green belt shall be developed & Maintained around the plant periphery ,green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	<b>Complied.</b> A green belt has been developed at the project site i.e the plant premises with 409 nos. of tree as per the CPCB guidelines.
Sr. No. 3 (xvii)	Adequate safety measure shall be provided to limit the risk zone within the plant boundary , in case of an accident ,Leak detection devices shall also be installed at strategic places for early detection and warning.	<b>Complied.</b> Adequate safety measures like alarms, trips, interlocks, fire alarm system, work permit system have been provided and followed to limit the risk zone within plant boundary. Leak detectors are provided in Ammonia storage area for leak detection and alarm in Control room. Dyke wall is provided for storage tanks.
Sr. No. 3 (xviii)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	<b>Complied.</b> Periodical medical examination of all employees is carried out as per the factories Act, 1948 and records are maintained. Last medical examination was done in 28.08.2023.
Sr. No. 3 (xix)	The solid waste shall be properly collected, segregated and disposed as per the provision of solid waste (Management and Handling) Rules, 2000	<b>Complied.</b> The solid waste is properly collected, segregated and disposed as per the provision of solid waste (Management and Handling) Rules, 2000.
Sr. No. 3 (xx)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<b>Complied.</b> Fire extinguishers, Fire balls, Smoke Detectors, Water sprinklers are provided. Emergency drills are conducted periodically.



Sr. No. 3 (xxi)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous waste (Management and Handling) Rules 2003 (amended). Authorization from the MPCB shall be obtained or collection treatment storage disposal of hazardous wastes	<b>Complied.</b> The total hazardous waste generated at our plant is regularly disposed of in MEPL-CHWTSDF at Ranjangaon & MPCB authorized recycler . The annual returns i.e. Form 4 for hazardous waste disposal are also submitted regularly. Copy of Form 4 FY 20222-23 & Membership certificate of CHWTSDF is attached herewith.
Sr. No. 3 (xxii)	The company shall undertake following Waste Minimization Measures 1.Metering of quantities of active ingredients to minimize waste 2.Reuse of by- products from the process as raw materials or as raw material substitutes in other process, 3.Maximizing Recoveries. 4.Use of automated material transfer system to minimize spillage 5. Use of "Closed Feed" system into batch reactors.	<b>Complied.</b> To minimise waste 1. We are metering quantities like TiO <sub>2</sub> Red Toner and Blue Toner. 2. We are using post consumed PET bottles in form of chips to produce Yarn/ Chips. 3. We are recovering Ethylene Glycol and reuse in the process. 4. Mass Flow Meter is provided for flakes charging feed line.
Sr. No. 3 (xxiii)	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	<b>Complied.</b> Regular mock drills are carried out to check the preparedness of employees. Observations are complied and incorporated in On Site Emergency Plan at the time of review. Last mock drill was conducted on 23.06.2023.
Sr. No. 3 (xxiv)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<b>Complied.</b> Separate Environment Cell is formed and it is ensured that all the environmental safeguards are implemented and functioning properly.
Sr. No. 3 (xxv)	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the MPCB & this department.	<b>Complied.</b> Separate funds have been allocated for implementation of environment protection measures and not diverted for any other purposes.





Sr. No. 3 (xxvi)	The project management 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a>	Complied.
Sr. No. 3 (xxvii)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 June & December of each calendar year.	<b>Complied.</b> Last half yearly compliance report was submitted to Environment Dept. and MPCB on 01.06.2023.
Sr. No. 3 (xxviii)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal, The clearance letter shall also be put on the website of the Company by the proponent.	<b>Complied.</b> Copy of the EC has been Submitted to local administration. The copy of the EC was uploaded on website.
Sr. No. 3 (xxiv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically, It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> NO <sub>x</sub> (ambient .levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<b>Complied.</b> Status of compliance of EC conditions and monitoring reports for the period October 2022 to March 2023 were uploaded on website and updated periodically.  Criteria pollutants viz. SPM, RSPM, SO <sub>2</sub> , NO <sub>2</sub> are monitored and displayed at outside main gate of company.



Sr. No. 3 (xxx)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF the respective Zonal Office of CPCB and the SPCB	<b>Complied.</b> Six monthly report for the peiod from October 2022 to March 2023 was submitted both in hard and soft copies to MPCB.
Sr. No. 3 (xxxi)	The environmental statement for each financial year ennding 31st March in form-V as is mentioned to be submitted by the project proponent to the concerned state pollution control board as prescribed under the environment (protection) rules ,1986, as amended subsequently ,shall also be put on the website of company along with the status compliance of Condition and shall be set to the respective Regional Officer of MoEF by e-mail	<b>Complied.</b> Environmental Statement for the financial year 2022-2023 was submitted on 21.09.2023. Copy of the same is attached herewith. Copy of the same also uploaded on our website.
Sr. No. 3 (xxii)	The environmental clearance is being issued without prejudice to the 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 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.	Noted.

*Avonkhed*



Government of Maharashtra

No.: EC (POLYGENTA)-  
2009/CR.135/TC.1  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annexe,  
Mumbai 400 032  
Dated: 15<sup>th</sup> February, 2010

To,  
M/s. Polygenta Technologies Ltd.  
Gat. No. 265/1 - 266, Village - Awankhed,  
Tal- Dindhori, Dist - Nashik.

**Sub: Proposed expansion activity for manufacturing Facilities for PET products like PLY, Poly chips & Ethylene Glycol. - Environmental clearance regarding.**

Sir,

This has reference to your communication letter dated 15<sup>th</sup> December, 2008 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee in its 14<sup>th</sup> meeting and recommended for prior Environment Clearance to State Level Environment Impact Assessment Authority (SEIAA). Subsequent information submitted by you, dated 22<sup>nd</sup> January, 2010 has also been considered by State Level Environment Impact Assessment Authority in its 19<sup>th</sup> meeting held on 27<sup>th</sup> January, 2010.

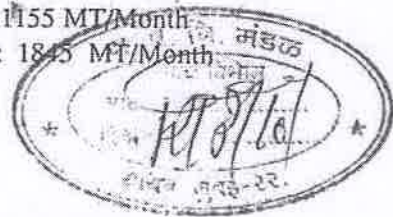
2. It is noted that the proposal is for grant of environmental clearance for proposed expansion activity for manufacturing Facilities for PET products like PLY, Poly chips & Ethylene Glycol. SEAC consider the project under screening category 5 (d) of EIA Notification 2006

Project information from documents submitted by you & considered by SEAC & SEIAA is summarized as below:

Name of the Project : Manufacturing Facilities for PET products like PLY, Poly chips & Ethylene Glycol.  
Type of Project : Manmade fibers manufacturing unit (5d)  
Project in brief : Expansion activity for manufacturing Facilities for PET products like PLY, Poly chips & Ethylene Glycol with additional capacity increase, using waste non biodegradable PET Bottles as basic raw material.  
Project Proponent : M/s. Polygenta Technologies Ltd.  
Location of the project : Gat. No. 265/1 - 266, Village - Awankhed, Tal- Dindhori, Dist - Nashik.  
Land : 38,400 sq. m.  
Estimated cost of the project : Rs. 150 Crore

**Production capacity:**

- Existing : PET Products : chips, POY, DTY, Flaks : 1155 MT/Month
  - Proposed : PET Products : chips, POY, DTY, Flaks : 1845 MT/Month
- Total capacity: 3000 MT/Month



**Raw material requirement:**

1. PTA (Purified Terephthalic Acid ):1297 MT/month
2. MEG(Mono Ethylene Glycon) : 540 MT/month
3. Catalyst : 0.54 MT/month
4. Dulling Agent (TiO2): 9.0 MT/month
5. Used PET Bottles : 1650 MT/month

**Fuel requirement:**

- Furnace oil : Existing : 3 KLD, Proposed : 15.33 KLD
- HSD for DG set : Existing : 0.9 KLD, Proposed : 120 LPH

**Water Requirement:**

Existing: Water requirement: 219 CMD

Proposed: Water requirement: 217 CMD

Effluent generated from existing plant: 100 CMD; Effluent generated from Proposed plant: 32 CMD

**Capacity of ETP: 108 CMD**

Entire effluent would be treated in Effluent Treatment Plant and treated effluent will be disposed off as per the MPCB norms.

Domestic effluent would be treated in septic tanks followed by soak pits and overflow from soak pit shall be treated in the existing ETP system. The disposal of the treated effluent shall be as per the MPCB norms.

**Solid Waste Management:**

**Hazardous waste:**

- Chemical sludge from Effluent Treatment Plant: 960 Kg/day(Existing) & 50 Kg/day(Proposed ) disposal: would be sent to CHWTSDF, Maharashtra Enviro Power Ltd., (MEPL), Ranjangaon, Pune, Maharashtra
- Waste chemicals(lab chemicals+ Resins) : 200 LIT/Month; Disposal : CHWTSDF, Maharashtra Enviro Power Ltd., (MEPL), Ranjangaon, Pune, Maharashtra
- Filter cake (carbon + clay) : 15 MT/Month; Disposal : CHWTSDF, Maharashtra Enviro Power Ltd., (MEPL), Ranjangaon, Pune, Maharashtra
- Oily cotton waste & hand gloves : 50 kg/Month; Disposal : CHWTSDF, Maharashtra Enviro Power Ltd., (MEPL), Ranjangaon, Pune, Maharashtra
- Waste oil: 1.0 Mt/Month; disposal: Authorized reprocessor.

**Non- Hazardous waste:**

- Polythene & PP Caps & rings: 105 MT/Month; Disposal: Scrap dealer.
- Label & pieces of labels of PVC: 22.5 MT/Month; Disposal: Scrap dealer.
- Sludge of Mud & Dirt: 22.5 MT/Month; Disposal: Scrap dealer.
- HDPE / PP lined bags: 900 bags/Month; Disposal: Scrap dealer.
- Waste yarn, paper tubes and packing: 3 MT/Month; Disposal: Scrap dealer.

**Power requirement:** Existing: 2.2 MVA; Proposed: 5-6 MVA

**Green Belt Development:** 22257.7 sq. m. area for green belt.

**Air pollution control measures:**

- Periodic stack monitoring is proposed to ensure the MPCB consent as maintained well within the norms.
- Details of Themic fluid heater



	Proposed	Existing
Capacity	35 lakh Kcal/ hr	
Fuel used	FO	FO
Fuel consumption	460 KL/Month	03 KLD
Stack Height	40 m	30 m
Stack Diameter	0.800 m	0.600 m
Stack MOC & Shape	MS, round	MS, round
Quantity	1 no.	1 no.

- Details of DG sets as (Operated only during MSEB power failure.)

Capacity	150 KVA
Fuel used	HSD
Fuel consumption	120 LPH
Stack Height	11 m above roof as per MPCB Norms
Stack Diameter	0.200 m
Stack MOC & Shape	MS, round
Quantity	2 no.

**Environmental Management Plan:** Capital cost will be Rs. 76.64 Lakhs and Recurring cost will be Rs. 20Lakhs.

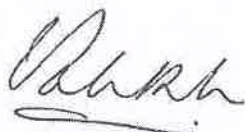
3. The proposal has been considered by SEIAA in its 19<sup>th</sup> meeting dated on 27<sup>th</sup> January, 2010 & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :-

- (i) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- (ii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (iii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
- (v) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (vi) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the project and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vii) The process emissions and particulate matter from various units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.

- (viii) Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by MPCB.
- (ix) During transfer of materials, spillages shall be avoided and gullies shall be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.
- (x) For control of process emissions, stacks of appropriate height as per the CPCB guidelines shall be provided. The scrubbed water shall be sent to the ETP for further treatment.
- (xi) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (xii) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xiii) The project proponent shall treat the wastewater up to the industry specific standards as notified in EPA or as laid down by the MPCB whichever are stringent.
- (xiv) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xv) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xvi) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xvii) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xviii) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xix) The solid waste shall be properly collected, segregated and disposed as per the provision of solid waste (Management and Handling) Rules, 2000.
- (xx) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xxi) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. Authorization from the MPCB shall be obtained for collection/treatment/storage/disposal of hazardous wastes.
- (xxii) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xxiii) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxiv) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.



- (xxv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
  - (xxvi) The project management 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>
  - (xxvii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
  - (xxviii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
  - (xxix) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorai parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  - (xxx) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
  - (xxxi) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
  - (xxxii) The environmental clearance is being issued without prejudice to the 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 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.
4. The Environment department reserves the right 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.
  5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years.
  6. No further expansion or modifications in the plant shall be carried out without prior approval of SEIAA. 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.

7. 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.



(Valsa R Nair Singh)  
Secretary, Environment  
department & MS. SEIAA

Copy to:

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville. 'A' Road, Churchgate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Nashik.
6. Collector, Nashik.
7. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
8. Director(TC-1), Dy. Secretary(TC-2), Scientist-1, Environment department
9. Select file (TC-3).



## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R47)

Date: 25/01/2022

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000115421/CR -2201001109

To,  
M/s Polygenta Technologies Ltd.,  
Gat Nos. 265/1 & 266, Village Avankhed, Tal. Dindori,  
Dist. Nashik.



**Sub: Grant of renewal of Consent to Operate.**

**Ref:** 1. Previous Consent to Operate accorded by the Board vide No. Format 1.0/  
CAC/ UAN No. 0000081978/ CO-2007001666 dtd. 29.07.2020.  
2. Minutes of Consent Appraisal Committee meeting held on 13 &  
29.10.2021.

Your application No.MPCB-CONSENT-0000115421 Dated 08.06.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & 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 & IV annexed to this order:

1. The consent to renewal is granted for a period up to 31/07/2024
2. The capital investment of the project is Rs.318.99 Crs. (As per C.A Certificate submitted by industry )
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	PET Products ( POY Chips/ POY/ DTY/ Poly Flakes/ FDY )	3000	MT/M

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	88	As per Schedule-I	Recycled into process, for cooling tower make up, firefighting and utility purposes
2.	Domestic effluent	18	As per Schedule-I	Sent to ETP



5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Thermic Fluid Heater (35 Lakh Kcal/Hr-1 Standby)	1	As per Schedule -II
2	S-2 to S-6	D.G. Sets (5 x 1000 KVA)	5	As per Schedule -II
3	S-7	Steam Boiler (3 TPH)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Waste Yarn, Paper tubes, Cardboard	40	MT/M	Recycle	Sale to Auth. Party/ Dealer

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	1.4 Organic residues	200	Kg/M	Incineration	CHWTSDF
2	5.1 Used or spent oil	1.0	MT/M	Recycle	Sale to authorised recycler
3	5.2 Wastes or residues containing oil	0.05	MT/M	Incineration	CHWTSDF
4	20.2 Spent solvents	100	Kg/M	Recycle/ Incineration	Sale to authorised party / CHWTSDF
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	20	No/M	Recycle	Sale to authorised party / CHWTSDF
6	35.3 Chemical sludge from waste water treatment	30.30	MT/M	Landfill	CHWTSDF
7	36.2 Spent carbon or filter medium	15	MT/M	Landfill	CHWTSDF

8. **Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):**

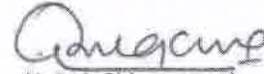
Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Polyethylene and Polypropylene	105.00	MT/M	Sale to Auth. Party/ Dealer
2	Labels and pices of labels of PVC	22.50	MT/M	Sale to Auth. Party/ Dealer
3	HDPE/PP/Lined Bags	5000.00	No/M	Sale to Auth. Party/ Dealer

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.



10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The applicant shall follow Plastic Waste Management Rules, 2016 (Notification dated 18.03.2016).
12. Industry shall operate & maintain ETP to achieve Consented standards. Treated effluent shall be recycled into process, for cooling tower make up, firefighting and utility purposes.
13. Industry shall extend/ top up Bank Guarantee totalling Rs. 25 Lakh towards operation and maintenance of pollution control systems and towards compliance of the Consent conditions.
14. The applicant shall comply with the Board's Circular dtd. 20.02.2020 regarding adoption of clean fuel in place of Furnace Oil or else install Scrubber for controlling SO<sub>2</sub> emission.
15. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the Consent (Operate/Renewal).
16. This Consent is issued pursuant to the decision of Consent Appraisal Committee meeting held on 13 & 29.10.2021.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1887367.00	MPCB-DR-6383	16/06/2021	NEFT
2	15000.00	TXN2111001246	17/11/2021	Online Payment
3	11573.00	TXN2111001370	18/11/2021	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Nashik  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.



**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 108.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Dual media filter) for the treatment of 88 CMD of trade effluent.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	5.5 to 9.0
(2)	Oil & Grease	10 mg/l
(3)	BOD (3 days 27°C )	30 mg/l
(4)	Total Suspended solids	100 mg/l
(5)	Total Dissolved solids	2100 mg/l
(6)	COD	250 mg/l
(7)	Chloride	600 mg/l
(8)	Sulphate	1000 mg/l
(9)	Ammonical Nitrogen ( As N )	50 mg/l

- C] **The treated effluent shall** be recycled into process, for cooling tower make up, firefighting and utility purposes. In no case, effluent shall find its way outside Company's premise.
2. A] As per your consent application, you have provided the Septic tanks followed by Soak pit for treatment of sewage. The overflow of the Soak pit is connected to ETP for further treatment & disposal.
- B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
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 there of & 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.
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.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	293.00
2.	Domestic purpose	27.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	104.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	12

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.

**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant Standard	
S-1	Thermic Fluid Heater (35 Lakh Kcal/Hr-1 Standby)	Stack	41.50	Furnace Oil/ LSHS 300 KL/M	4.5	SO <sub>2</sub>	900 Kg/Day
						PM	150 Mg/Nm <sup>3</sup>
S2-S6	D.G. Sets (5 x 1000 KVA)	Acoustic Enclosure	13.00	HSD 600 Ltr/Hr	1	SO <sub>x</sub>	252 Kg/Day
						PM	150 Mg/Nm <sup>3</sup>
S-7	Steam Boiler (3 TPH)	Stack	32.00	Furnace Oil/ LSHS 150 KL/M	4.5	SO <sub>2</sub>	450 Kg/Day
						PM	150 Mg/Nm <sup>3</sup>

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. 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).



**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	Rs.12.5 Lakhs	Existing	Towards operation and maintenance of pollution control systems & towards compliance of the Consent conditions.	31.07.2024	30.11.2024
2	C2R	Rs.12.5 Lakhs	Within 15 days	Towards operation and maintenance of pollution control systems & towards compliance of the Consent conditions.	31.07.2024	30.11.2024

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV**  
**General Conditions:**

- The waste generator shall.-
  - 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.
  - 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;
- 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.
- 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.;

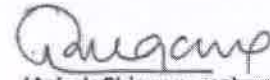
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
7. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - 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) 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.
  - 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.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - 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.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, 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.
8. The applicant shall maintain good housekeeping.
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.
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.
11. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the 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.

15. 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.
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.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
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.
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 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.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
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 (www.mpcb.gov.in).
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.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause 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.
28. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.



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 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.
30. The industry should comply with the Hazardous and Other Wastes (M & TM) 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 April to March in Form-IV by 30th June of every year.
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.
32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
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.
34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
36. 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).
37. 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.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

### FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

**Unique Application Number:**

MPCB-HW\_ANNUAL\_RETURN-0000035191

**Submitted On:**

02-06-2023

**Industry Type**

:  
Generator

**Submitted for Year:**

2023

**1. Name of the generator/operator of facility**

Polygenta Technologies Limited

**Address of the unit/facility**

Gat No. 265/1- 266 at Village - Avankhed,  
Tal. - Dindori, Dist. - Nashik Tel.  
02557-228100, Fax. 02557-228156

**1b. Authorization Number**

Formate1.0/CAC/UAN No.MPCB-CONSENT-0000115421/CR-2201001109

**Date of Issue**

Jan 25, 2022

**Date of validity of consent**

Jul 31, 2024

**2. Name of the authorised person**

Dhanvant Yeola

**Full address of authorised person**

Gat No. 265/1- 266 at Village - Avankhed,  
Tal. - Dindori, Dist. - Nashik Tel.  
02557-228100, Fax. 02557-228156

**Telephone**

9730250085

**Fax**

02557228156

**Email**

dyeola@revalyu.in

3.Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Synthetic Fibres (rayon, tyre cord, polyester, filament yarn)	PET Products(POY chips/POY/DTY/FDY)	36000.0000	11661.31	MT/A

### PART A: To be filled by hazardous waste generators

**1. Total Quantity of waste generated category wise**

Type of hazardous waste	Waste Name	Consented Quantity	Quantity	UOM
1.4 Organic residues	Organic Residues	2.400	0.480	MTA
5.1 Used or spent oil	Used/spent oil	12.000	0.795	MTA
5.2 Wastes or residues containing oil	Waste/residues containing oil	0.600	0.422	MTA
35.3 Chemical sludge from waste water treatment	Chemical sludge from waste water treatment	363.600	21.167	MTA
36.2 Spent carbon or filter medium	Spent carbon/Ash collected from boilers chimney	180.000	0.872	MTA
20.2 Spent solvents	Spent solvents	1,200	0.600	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels/containers contaminated with hazardous chemicals/wastes	240,000	0	numbers/anum

2. Quantity dispatched category wise.

<b>Type of Waste</b>	<b>Quantity of waste</b>	<b>UOM</b>	<b>Dispatched to</b>	<b>Facility Name</b>
1.4 Organic residues	0.593	MTA	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune
5.1 Used or spent oil	0.72	MTA	Disposal Facility	M.K Oil Lubricant Industries, Talegaon, Tal. Dindori, Dist Nashik
5.2 Wastes or residues containing oil	0.471	MTA	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune
35.3 Chemical sludge from waste water treatment	21.024	MTA	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune
36.2 Spent carbon or filter medium	1.212	MTA	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune
20.2 Spent solvents	0.5	MTA	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0	numbers/anum	Disposal Facility	Maharashtra Enviro Power Ltd., P-56, MIDC Ranjangaon, Tal. - Shirur, Dist. Pune

3. Quantity Utilised in-house, If any

<b>Type of Waste</b>	<b>Name of Waste</b>	<b>Quantity of Waste</b>	<b>UOM</b>
	NA	0	KL/Anum

4. Quantity in storage at the end of the year

<b>Type of Waste</b>	<b>Name of Waste</b>	<b>Quantity of Waste</b>	<b>UOM</b>
1.4 Organic residues	Organic Residues	0.056	MTA
5.1 Used or spent oil	Used/spent oil	0.0	MTA
5.2 Wastes or residues containing oil	Waste/residues containing oil	0.034	MTA
35.3 Chemical sludge from waste water treatment	Chemical sludge from waste water treatment	7.210	MTA
36.2 Spent carbon or filter medium	Spent carbon/Ash collected from boilers chimney	0.0	MTA
20.2 Spent solvents	Spent solvents	0.100	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels/containers contaminated with hazardous chemicals/wastes	0	numbers/anum

5. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

6. Quantity incinerated (if applicable)

<b>UOM</b>
NA

**PART B: To be filled by Treatment, storage, and disposal facility operators**

1. Total Quantity received	<b>UOM</b>	<b>State Name</b>
NA	KL/Anum	Maharashtra
2. Quantity in stock at the beginning of the year	<b>UOM</b>	
NA	KL/Anum	
3. Quantity treated	<b>UOM</b>	
NA	KL/Anum	
4. Quantity disposed in landfills as such and after treatment		
<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum
5. Quantity incinerated (if applicable)	<b>UOM</b>	
NA	KL/Anum	
6. Quantity processed other than specified above	<b>UOM</b>	
NA	KL/Anum	
7. Quantity in storage at the end of the year.	<b>UOM</b>	
NA	KL/Anum	

**PART C: To be filled by recyclers or co-processors or other users**

1. Quantity of waste received during the year

<b>Waste Name/Category</b>	<b>Country Name</b>	<b>State Name</b>	<b>Quantity of waste received from domestic sources</b>	<b>Quantity of waste imported (If any)</b>	<b>Units</b>
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

<b>Waste Name/Category</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

3. Quantity of waste recycled or co-processed or used

<b>Name of Waste</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

<b>Name of product</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

5. Total quantity of waste generated

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

6. Total quantity of waste disposed

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

9. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

10. Quantity incinerated (if applicable)

<b>UOM</b>
NA

Personal Details

<b>Place</b>	<b>Date</b>	<b>Designation</b>
Dindori	2023-06-02	Executive Director-Technical



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000058528

**Submitted Date**

21-09-2023

## PART A

### Company Information

**Company Name**

Revalyu Recycling (India) Limited

**Application UAN number**

MPCB-CONSENT-0000115421/CR-2201001109

**Address**

Gat.No.265/1, 266; Village - Avankhed,  
Tal.- Dindori, Dist.- Nashik

**Plot no**

Gat No. 265/1-266

**Taluka**

Dindori

**Village**

Avankhed

**Capital Investment (In lakhs)**

31899

**Scale**

L.S.I

**City**

Nashik

**Pincode**

422202

**Person Name**

Dhanvant Yeola

**Designation**

Executive Director (Technical)

**Telephone Number**

08959592177

**Fax Number**

02557228156

**Email**

mukesh.sahu@revalyu.in

**Region**

SRO-Nashik

**Industry Category**

Red

**Industry Type**

R47 Synthetic fibers including rayon ,tyre  
cord, polyester filament yarn

**Last Environmental statement  
submitted online**

yes

**Consent Number**

MPCB-CONSENT-0000115421/CR-2201001109

**Consent Issue Date**

2022-01-25

**Consent Valid Upto**

2024-07-31

**Establishment Year**

2008

**Date of last environment statement  
submitted**

Jul 21 2022 12:00:00:000AM

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

### Product Information

**Product Name**

PET Chips, POY, DTY, FDY

**Consent Quantity**

36000

**Actual Quantity**

11661.31

**UOM**

MT/A

### By-product Information

**By Product Name**

NA

**Consent Quantity**

0

**Actual Quantity**

0

**UOM**

MT/A

## Part-B (Water & Raw Material Consumption)

**1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
Cooling	104.00	24.00
Domestic	293.00	99.00
All others	27.00	21.00
Total	12.00	0.00
	436.00	144.00

**2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	106	35.77	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Its not possible to separate out water per unit due to denier	0	0	CMD

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Mono Ethylene Glycol	0.041	0.042	MT/A
PET Scrap Bottles and Flakes	1.041	1.029	MT/A
Partially Oriented Yarn	1.026	1.031	MT/A

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
LSHS	5400	1870.62	KL/A
HSD	600	4.00	Ltr/Hr

**Part-C****Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)****[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
Effluent pH	35.77	7.65	-	-	-
BOD	35.77	10.4	-	-	-
COD	35.77	44	-	-	-
Suspended solids	35.77	10	-	-	-
TDS	35.77	570	-	-	-
Sulphate	35.77	69.3	-	-	-
Chlorides	35.77	151	-	-	-

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
SO2	1.32	7.79	-	-	-

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
1.4 Organic residues	0.430	0.480	MT/A
5.1 Used or spent oil	5.257	0.795	MT/A
5.2 Wastes or residues containing oil	0.359	0.422	MT/A
36.2 Spent carbon or filter medium	2.330	0.872	MT/A
20.2 Spent solvents	0	0.600	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0	0	Nos./Y

#### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
35.3 Chemical sludge from waste water treatment	26.845	21.167	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Polyethylene and Polypropylene caps and rings	8.585	8.85	MT/A
Waste yarn, paper tube and packing	251.74	297.37	MT/A
HDPE/PE Lined bags	22766	24422	Nos./Y

#### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-F

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

#### 1) Hazardous Waste

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
------------------------------------------	-------------------------------	------------	-----------------------------------------



1.4 Organic residues	0.480	MT/A	-
5.1 Used or spent oil	0.795	MT/A	-
5.2 Wastes or residues containing oil	0.422	MT/A	-
35.3 Chemical sludge from waste water treatment	21.167	MT/A	-
36.2 Spent carbon or filter medium	0.872	MT/A	-
20.2 Spent solvents	0.600	MT/A	-
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.0	Nos./Y	-

## 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Polyethylene and Polypropylene caps and rings	8.85	MT/A	-
Waste yarn, paper tube and packing	297.37	MT/A	-
HDPE/PP/Lined bags	24422	Nos./Y	-

## Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Rerating of equipments & installation of LED's	0	0	0	2341	5.52	0

## Part-H

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

#### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Water Pollution	Operation & Maintenance Cost	25
Air Pollution	Repairs & Maintenance	4
Hazardous waste management	Disposal Cost	3.425
Green Belt Development & Other	Gardening & Maintenance	6

#### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Water Pollution	Repair, maintenance & Operation	9
Air Pollution	Repair, maintenance & Operation	9

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

Reduction in electric power consumption, ETP treated water use for flushing of toilet/urinary.

**Name & Designation**

Dhanvant Yeola, Executive Director (Technical)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000058528

**Submitted On:**

21-09-2023

पॉलिसी अनुसूची/ Policy Schedule - Public Liability Insurance Act	
<b>Policy Number: 270200492210000109</b>	व्यवसाय स्रोत / Business Source: 910014
<b>जारीकर्ता कार्यालय/Issuing Office</b> कार्यालय कोड/ Office Code: 270200 कार्यालय पता/ Office Address: PUNE DIVISION II Maharaja Smriti, 586, Sadashiv Peth, Laxmi Road, Pune, Maharashtra - 411030. State Code: 27, Maharashtra GSTIN: 27AAACN9967E123 Contact Number: 20 24454248 eMail: 270200@nic.co.in Mobile Number:	<b>विक्रय चैनल विवरण/</b> <b>Sales Channel Details</b> कोड/ Code: 91001400000001 नाम/ Name: HERITAGE INSURANCE BROKERS PVT LTD - HO Contact Number: 9732943002 सह दलाल कोड / Co Broker Code:
	<b>कस्टमर केयर टॉल फ्री नंबर/Customer</b> <b>Care Toll Free Number:</b> <b>1800 345 0330</b> ईमेल/ <b>email:customer.support@nic.co.in</b>

ग्राहक का नाम/Customer Name: REVALYU RECYCLING(INDIA)LIMITED	ग्राहक आईडी/ Customer ID: 9702172448	पैन/ PAN: AAACM7390Q
पता/ Address: GAT NO.:265/A,266, VILLAGE- AVANKHED,TAL:DINDORI,DIST:NASHIK:422001, City: NASHIK - DISTRICT OTHERS, District: NASHIK, State: MAHARASHTRA, PIN: 422201. Cell: 7506316699	फोन/ Phone:	ई-मेल/ E-Mail: nihar.popawala@interlinkre.com

पॉलिसी: 21/02/2023 के 19:00 से 20/02/2024 की मध्य रात्रि तक प्रभावी /Policy Effective from 19:00 hours, on 21/02/2023 to midnight of 20/02/2024			
प्रीमियम /Premium	₹ 25,828.31	कवर नोट संख्या तथा तथि/ Cover Note Number and Date	NA
CGST	₹ 2,324.00	प्रस्ताव संख्या और तथि/Proposal Number and Date	8800230327303901 Dt. 27/03/2023
SGST/UTGST	₹ 2,324.00		
IGST	₹ 0.00		
कम:जीएसटी_टीडीएस / Less:GST_TDS	₹ 0.00	रसीद संख्या और तथि/ Receipt Number and Date	270200812210006346 Dt. 21/03/2023
पुनर्प्राप्त स्टाम्प शुल्क / Recoverable Stamp Duty	₹ 0.00	पछिली पॉलिसी संख्या तथा समाप्ती तथि/ Previous Policy Number and Expiry Date	NA
<b>कुल राशि/Total Amount*</b>	<b>₹ 56,314.00</b>	(Rupees Fifty Six Thousand Three Hundred Fourteen Only.)	
* पर्यावरण राहत कोष /Environment Relief Fund:	₹ 25,827.69		

#### Insurance Details:

Policy Effective from 19:00 hours, on 21/02/2023 to midnight of 20/02/2024	
PLI act Premium	25,827.69
Service tax	0.00
Recoverable stamp duty	0.00
ERF premium	25,827.69
<b>Total amount</b>	<b>51,655.38</b>

Retroactive date:	21/02/2023
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
Sum Insured:	5,00,00,000.00
Annual turn over:	1,40,00,00,000.00

पॉलिसी अनुसूची/ Policy Schedule - Public Liability Insurance Act	
<b>Policy Number: 270200492210000109</b>	व्यवसाय स्रोत / Business Source: 910014
जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड/ Office Code: 270200 कार्यालय पता/ Office Address: PUNE DIVISION II Maharaja Smriti, 586, Sadashiv Peth, Laxmi Road, Pune, Maharashtra - 411030. State Code: 27, Maharashtra GSTIN: 27AAACN9967E1Z3 Contact Number: 20 24454248 eMail: 270200@nic.co.in Mobile Number:	विक्रय चैनल विवरण/ <b>Sales Channel Details</b> कोड/ Code: 91001400000001 नाम/ Name: HERITAGE INSURANCE BROKERS PVT LTD - HO Contact Number: 9732943002 सह दलाल कोड / Co Broker Code:
	कस्टमर केयर टॉल फ्री नंबर/Customer Care Toll Free Number: 1800 345 0330 ईमेल/ email:customer.support@nic.co.in

Clauses	As per Annexure.I
टिप्पणियां/ Remarks: Insured:-Revalue recycling India limited.	
Coverage: As per company approved PLI Act policy.	
Limit of Liability: Any One Accident: Rs. 5,00,00,000/- and Any One Year: Rs. 15,00, 00,000/-	
Subject to no known or reported losses in the last three years and no further deterioration of ICR till the date of premium payment date.	
This policy is subject to the following terms and conditions:-	
1. Policy Form: Claims Made Basis with Right to Defend Clause (Defense costs are included in LOL)	
2. Retroactive Date: From date of inception of policy with NICI and with Exclusion of Known Acts, Reported Losses and Pending Litigations.	
3. Territory / Jurisdiction: India only	
4. Exclusions:	
a.Known Acts, Reported Losses and Pending & Prior Litigations	
b.Nuclear Energy Risk	
c.Policies other than claims made and unlimited liability	
d.Fines and Penalties	
e.Exclusion for Claims arising out of or due to Covid19/Communicable diseases and other claims arising out of violation of any provision of NDMA/Epidemic Act.	
5. All other terms, coverage's, conditions and exclusions as per company approved PLI Act policy.	

जसिकी गवाही में दनि/ माह /वर्ष को उपरोक्त उल्लेखित कार्यालय पते पर अधोहस्ताक्षरी को वधिवित अधकित कयिा जा रहा है उसके हाथ नर्धारित कएि जाए। यह अनुसूची, संलग्न पॉलिसी, खण्ड, पृष्ठांकन और पॉलिसी शब्दों, जो कंपनी वेबसाईट <https://nationalinsurance.nic.co.in> पर उपलब्ध है, को एक अनुबंध के रुप में एक साथ पढा जाए तथा कोई भी शब्द या अभिव्यक्ति जिसके लएि यह वशिष्टि अर्थ पॉलिसी या अनुसूची के कसिी भी हसिसे में संलग्न कयिा गया हो, एक ही अर्थ वहन करेगा चाहे जहाँ भी उल्लेखित हो। यह आश्वासन दयिा जाता है कि प्रीमियम चेक के अस्वीकृतिके मामले में, यह दस्तावेज स्वतः प्राथमकित्ता नरिसुत हो जाएगी। **IN WITNESS WHEREOF, the undersigned being duly authorized hereunto set his/ her hand at the office address mentioned above, this 27/March/2023. This schedule, the attached policy, the clauses, the endorsements and policy wordings as available in the website <https://nationalinsurance.nic.co.in> shall be read together as one contract and any word or expression to which the specific meaning has been attached in any part of this policy or of the schedule shall bear the same meaning wherever it may appear. It is warranted that IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'**

इंश्योरेन्सइंडियालिमिटेड



कृते नेशनल इंश्योरेन्स कंपनी  
स्टॉप इयुलिमिटेड/ For and on behalf of National Insurance  
Company Limited  
अधकित हस्ताक्षरकर्ता/ Authorized  
Signatory

पॉलिसी अनुसूची/ Policy Schedule - Public Liability Insurance Act	
<b>Policy Number: 270200492210000109</b>	व्यवसाय स्रोत / Business Source: 910014
जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड/ Office Code: 270200 कार्यालय पता/ Office Address: PUNE DIVISION II Maharaja Smriti, 586, Sadashiv Peth, Laxmi Road, Pune, Maharashtra - 411030. State Code: 27 , Maharashtra GSTIN: 27AAACN9967E1Z3 Contact Number: 20 24454248 eMail: 270200@nic.co.in Mobile Number:	<b>विक्रय चैनल विवरण/ Sales Channel Details</b> कोड/ Code: 91001400000001 नाम/ Name: HERITAGE INSURANCE BROKERS PVT LTD - HO Contact Number: 9732943002 सह दलाल कोड / Co Broker Code:  कस्टमर केयर टॉल फ्री नंबर/Customer Care Toll Free Number: 1800 345 0330 ईमेल/ email:customer.support@nic.co.in

**TAX INVOICE**

Invoice Serial No: 30747L2P00000109

Invoice Date: 27/03/2023

**Details of Supplier:**

National Insurance Company Limited.,  
PUNE DIVISION II Maharaja Smriti, 586, Sadashiv Peth, Laxmi Road, Pune, Maharashtra - 411030  
State : 27, Maharashtra  
GSTIN No : 27AAACN9967E1Z3

**Details Of Receiver : REVALYU RECYCLING(INDIA)LIMITED**

Address : GAT NO.:265/A,266, VILLAGE-AVANKHED,TAL:DINDORI,DIST:NASIK:422001  
City : NASHIK - DISTRICT OTHERS,  
District: NASHIK,  
State: MAHARASHTRA,  
PIN: 422201.

Place Of Supply State : Maharashtra  
State Code : 27  
GSTIN No : 27AAACM7390Q1ZQ

सैंक कोड/ SAC Code	सेवा का वविरण/ Descripti on of Service	कुल/Total(₹)	छूट/ Discou nt	टैक्स योग्य/ मूल्य/Taxable Value(₹)	सीजीएसटी की राशि CGST		एसजीएसटी/यूटीजीएसटी/ SGST/UTGST		आईजीएसटी/IGST		केरला बाढ़ उपकर/Kerala Flood Cess
					दर/Rate	राशि/ Amount(₹)	दर/Rate	राशि/ Amount(₹)	दर/Rate	राशि/ Amount(₹)	राशि/Amount(₹)
997139	Other non-life insurance services (excluding reinsurance services)	25,828	0%	25,828	9%	2,324	9%	2,324	0%	0	0
<b>TOTAL</b>		25,828		25,828		2,324		2,324		0	0

कुल इनवॉयस मूल्य (अंकों में )Total Invoice Value (In figures) :  
₹ 56,314

कुल इनवॉयस मूल्य (शब्दों में)Total Invoice Value (In words) : रूपए/Rupees  
Fifty Six Thousand Three Hundred Fourteen  
केवल/Only.

रवर्स चार्ज के अधीन टैक्स की राशि Amount of Tax Subject to Reverse Charge : No

**E.&O.E**

कृते नेशनल इन्श्योरेन्स कंपनी लिमिटेड/ For  
and on behalf of National Insurance Company Limited


अधिकृत हस्ताक्षरकर्ता/ Authorized Signatory

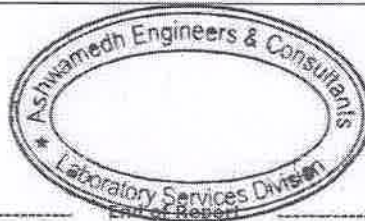


**WORK ROOM ENVIRONMENT MONITORING REPORT**

Sample ID : WR/09/23/3094	Report No. WR/09/23/3094N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	Poy	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM: 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ (LOQ:0.1)</b>	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				

  
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Section In-charge (Chemical)  
Reviewed & Authorised by



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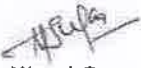
**TEST REPORT**

Sample ID : E/09/23/060	Report No. E/09/23/060	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Customer	Sample Description / Type	Treated Sewage Effluent
Sampling Location	STP Outlet	Date - Receipt of Sample	06/09/2023
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	06/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	09/09/2023

Sr.No.	Parameter	Result	Unit	Method
<b>Chemical Testing; Group: Pollution &amp; Environment</b>				
1	pH (at 25°C)	<b>8.10</b>	-	IS 3025 (Part II):1983
2	Total Suspended Solids	<b>8</b>	mg/L	IS 3025 (Part I):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	<b>11</b>	mg/L	IS 3025 (Part 44):1983
4	Chemical Oxygen Demand	<b>40</b>	mg/L	APHA, 23rd Ed. 5220-B, 5-18
5	Total Dissolved Solids	<b>320</b>	mg/L	IS 3025 (Part 16):1984
6	Oil & Grease	<b>BLQ (LOQ:1)</b>	mg/L	APHA, 23rd Ed. 5520-B, 5-42
7	Chloride (as Cl)	<b>29.5</b>	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO <sub>4</sub> )	<b>18</b>	mg/L	IS 3025 (Part 24)
9	Ammonical Nitrogen (as NH <sub>3</sub> -N)	<b>0.17</b>	mg/L	APHA, 23rd Ed. 4500 NH <sub>3</sub> . F. 4 -119

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

Note: Sample ID E/09/23/060 bears two Test Reports - E/09/23/060 and E/09/23/060N



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Technical Manager (Chemical)  
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End of Report

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**TEST REPORT**

Sample ID : E/09/23/060	Report No. E/09/23/060N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Customer	Sample Description / Type	Treated Sewage Effluent
Sampling Location	STP Outlet	Date - Receipt of Sample	06/09/2023
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	06/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	09/09/2023

Sr.No.	Parameter	Result	Unit	Method
<b>Chemical Testing; Group: Pollution &amp; Environment</b>				
1	Percent Sodium	23.1	%	By calculation
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification Note: Sample ID E/09/23/060 bears two Test Reports - E/09/23/060 and E/09/23/060N				

  
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**STACK EMISSION MONITORING REPORT**

Sample ID : SA/09/23/0105	Report No. SA/09/23/0105	Report Date	14/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat 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>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 x 1 no. bladder VOC (Hydrocarbons): 1 x 1 no. bladder	Date - Sampling	06/09/2023
		Date - Receipt of Sample	07/09/2023
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008, (Part 7):2005	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	13/09/2023

Stack Details	
~ Stack Identity	HTM Boiler
~ Stack attached to	Boiler
~ Material of construction	MS
~ Stack height above ground level	41.5 m
~ Stack diameter	0.70 m
~ Stack shape at top	Round
~ Type of Fuel	LSHS
~ Fuel Consumption	6411 Kg/d

Parameter	Result	Limits as per MPCB Consent	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Flue Gas Velocity	9.12	-	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	7426	-	Nm <sup>3</sup> /h	IS 11255 (Part 3):2008
Particulate Matter (PM)	13	150	mg/Nm <sup>3</sup>	IS 11255 (Part 1):1985
Sulphur Dioxide (SO <sub>2</sub> )	5.61	Not specified	mg/Nm <sup>3</sup>	IS 11255 (Part 2):1985
Sulphur Dioxide (SO <sub>2</sub> )	0.99	900	kg/d	IS 11255 (Part 2):1985
Oxides of Nitrogen (NO <sub>2</sub> )	14.6	Not specified	mg/Nm <sup>3</sup>	IS 11255 (Part 7):2005
Carbon Dioxide (CO <sub>2</sub> )	3.6	Not specified	%	IS 13270:1992

Note: Sample ID SA/09/23/0105 bears two Test Reports-SA/09/23/0105 and SA/09/23/0105N

  
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**STACK EMISSION MONITORING REPORT**

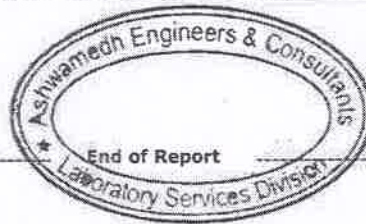
Sample ID : SA/09/23/0105	Report No. SA/09/23/0105N	Report Date	14/09/2023
Name and address of Customer	Revalyu Recycling (India) Limited (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Laboratory	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>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 x 1 no. bladder VOC (Hydrocarbons): 1 x 1 no. bladder	Date - Sampling	06/09/2023
		Date - Receipt of Sample	07/09/2023
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008, (Part 7):2005	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	13/09/2023

Stack Details	
~ Stack Identity	HTM Boiler
~ Stack attached to	Boiler
~ Material of construction	MS
~ Stack height above ground level	41.5 m
~ Stack diameter	0.70 m
~ Stack shape at top	Round
~ Type of Fuel	LSHS
~ Fuel Consumption	6411 Kg/d

Parameter	Result	Limits as per MPCB Consent	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Flue Gas Temperature	234	-	°C	IS 11255 (Part 3):2008
VOC (Hydrocarbons)	1.07	Not specified	mg/Nm <sup>3</sup>	IS 5182 (Part 17):1979

Note: Sample ID SA/09/23/0105 bears two Test Reports-SA/09/23/0105 and SA/09/23/0105N

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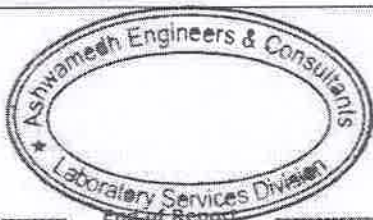
### WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/09/23/3093	Report No. WR/09/23/3093N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	DTY	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM: 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ</b> (LOQ:0.1)	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				



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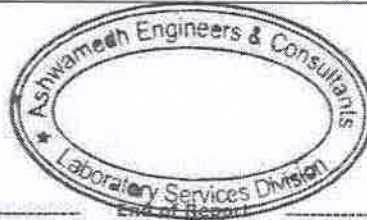


**WORK ROOM ENVIRONMENT MONITORING REPORT**

Sample ID : WR/09/23/3095	Report No. WR/09/23/3095N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	CP 'O' Meter	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM: 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ</b> (LOQ:0.1)	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				

  
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**STACK EMISSION MONITORING REPORT**

Sample ID : SA/09/23/0104	Report No. SA/09/23/0104	Report Date	12/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat 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>2</sub> : 25 ml x 1 no. plastic bottle CO <sub>2</sub> : 1 x 1 no. bladder	Date - Sampling	06/09/2023
		Date - Receipt of Sample	07/09/2023
Sampling Procedure	IS 11255 (Part 1):1985, (Part 2):1985, (Part 3):2008, (Part 7):2005	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	11/09/2023

<b>Stack Details</b>	
~ Stack Identity	Steam Boiler
~ Stack attached to	Boiler
~ Material of construction	MS
~ Stack height above ground level	32 m
~ Stack diameter	0.55 m
~ Stack shape at top	Round
~ Type of Fuel	LSHS
~ Fuel Consumption	910 Kg/d

Parameter	Result	Limits as per MPCB Consent	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Flue Gas Temperature	110	-	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	8	-	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	5321	-	Nm <sup>3</sup> /h	IS 11255 (Part 3):2008
Particulate Matter (PM)	13	150	mg/Nm <sup>3</sup>	IS 11255 (Part 1):1985
Sulphur Dioxide (SO <sub>2</sub> )	8.42	Not specified	mg/Nm <sup>3</sup>	IS 11255 (Part 2):1985
Sulphur Dioxide (SO <sub>2</sub> )	1.08	450	kg/d	IS 11255 (Part 2):1985
Oxides of Nitrogen (NO <sub>2</sub> )	17.4	Not specified	mg/Nm <sup>3</sup>	IS 11255 (Part 7):2005
Carbon Dioxide (CO <sub>2</sub> )	3.8	Not specified	%	IS 13270:1992

  
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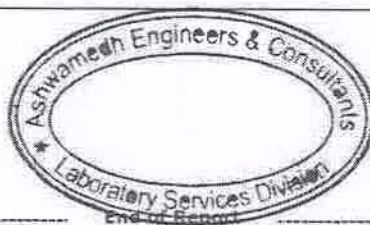


## WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/09/23/3093	Report No. WR/09/23/3093N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	DTY	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM; 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ</b> (LOQ:0.1)	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				

  
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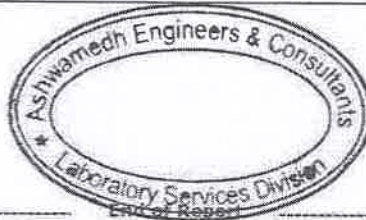
**WORK ROOM ENVIRONMENT MONITORING REPORT**

Sample ID : WR/09/23/3094	Report No. WR/09/23/3094N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	Poy	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM: 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ</b> (LOQ:0.1)	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				



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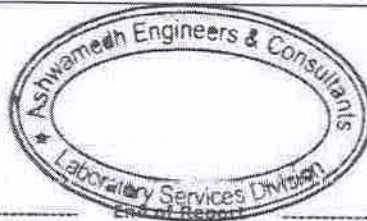


**WORK ROOM ENVIRONMENT MONITORING REPORT**

Sample ID : WR/09/23/3095	Report No. WR/09/23/3095N	Report Date	09/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra	Order Reference : P.O. No. PO/AMC/010/23-24 dated 15.04.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	CP 'O' Meter	Date - Sampling	06/09/2023
Sample Quantity / Packing	SPM: 1 no. filter paper & 1 no. zip bag	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Duration of Sampling	8 h	Date - Completion of Analysis	09/09/2023

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Suspended Particulate Matter (SPM)	<b>BLQ</b> <b>(LOQ:0.1)</b>	15#	mg/m <sup>3</sup>	NIOSH 0500
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average				

  
 Saanvi Dalal  
 Section In-charge (Chemical)  
 Reviewed & Authorised by



**Note:**

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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/09/23/0109	Report No. N/09/23/0109	Report Date	12/09/2023
Name and Address of Customer	<b>Revalyu Recycling (India) Limited</b> <b>(Formerly Known as Polygenta Technologies Limited)</b> Gate No. 265/1, 266, Villgae Avanked, Tal.Dindori, Dist.Nashik 422202 Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Work place Noise
Order Reference	P.O.No. PO/AMC/010/23-24 dated 15.04.2023	Date-Monitoring	06/09/2023

#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Results Noise Level dB (A) Fast Response	Method
1	DTY	11:00	80	CPCB Protocol for Ambient Level Noise Monitoring July AEC/C/SAP/SAM/35 B 36, Issue no-4, Issue date 01.04.2018
2	POY	11:10	79	
3	CP 'O' Meter	11:15	81	
<b>Limit</b>				
<b>Permissible Exposure Period as per Maharashtra Factories Rules,1963, Schedule XXIV Table 1</b>				
Total hours of sound exposure per day		Level		
Hours		dB(A)		
8		90		
6		92		
4		95		

  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



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**TEST REPORT**

Sample ID : E/09/23/058	Report No. E/09/23/058	Report Date	09/09/2023		
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra				
Sampling done by	Customer	Sample Description / Type	Treated Trade Effluent		
Sampling Location	ETP Outlet	Date - Receipt of Sample	06/09/2023		
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	06/09/2023		
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	09/09/2023		
Sr.No.	Parameter	Result	Limits as per MPCB Consent	Unit	Method
<b>Chemical Testing; Group: Pollution &amp; Environment</b>					
1	pH (at 25°C)	<b>7.87</b>	5.5 to 9.0	-	IS 3025 (Part 10):1983
2	Total Suspended Solids	<b>8</b>	Not to exceed 100	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	<b>10</b>	Not to exceed 30	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	<b>40</b>	Not to exceed 250	mg/L	APHA, 23rd Ed., 5220-B, 5-18
5	Total Dissolved Solids	<b>440</b>	Not to exceed 2100	mg/L	IS 3025 (Part 16):1984
6	Oil & Grease	<b>BLQ (LOQ:1)</b>	Not to exceed 10	mg/L	APHA, 23rd Ed., 5520-B, 5-42
7	Chloride (as Cl)	<b>102</b>	Not to exceed 600	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO <sub>4</sub> )	<b>52</b>	Not to exceed 1000	mg/L	IS 3025 (Part 24)
9	Ammonical Nitrogen (as NH <sub>3</sub> -N)	<b>0.23</b>	Not to exceed 50	mg/L	APHA, 23rd Ed., 4500 NH <sub>3</sub> , F, 4-119
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification Note: Sample ID E/09/23/058 bears two Test Reports - E/09/23/058 and E/09/23/058N					

  
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Technical Manager (Chemical)  
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End of Report

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AEC/F/REP/1-A

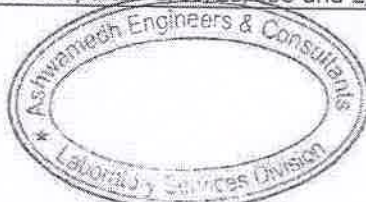


**TEST REPORT**

Sample ID : E/09/23/058		Report No. E/09/23/058N		Report Date		09/09/2023	
Name and address of Customer		<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra					
Sampling done by		Customer		Sample Description / Type		Treated Trade Effluent	
Sampling Location		ETP Outlet		Date - Receipt of Sample		06/09/2023	
Sample Quantity / Packing		2 L x 1 no. plastic can		Date - Start of Analysis		06/09/2023	
Order Reference		P.O. No. PO/AMC/010/23-24 dated 15.04.2023		Date - Completion of Analysis		09/09/2023	
Sr.No.	Parameter	Result	Limits as per MPCB Consent	Unit	Method		
<b>Chemical Testing; Group: Pollution &amp; Environment</b>							
1	Percent Sodium	26.1	Not specified	%	By calculation		
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification							
Note: Sample ID E/09/23/058 bears two Test Reports - E/09/23/058 and E/09/23/058N							

*[Signature]*

Ninad Soundankar  
 Technical Manager (Chemical)  
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End of Report

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**AMBIENT AIR QUALITY MONITORING REPORT**

Sample ID : AA/09/23/0102	Report No. AA/09/23/0102	Report Date	13/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Mr. Anil Nikam House	Date - Sampling	06/09/2023 to 07/09/2023
Sample Quantity / Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 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: 1 x 1 no. bladder	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	12/09/2023


**Meteorological Data / Environmental Conditions**

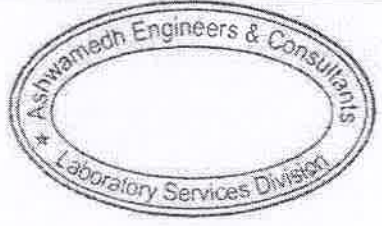
Average Wind Velocity 0.60 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 95/77%	Temperature (Max./Min.): 28/22°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit	Method

**Chemical Testing; Group: Atmospheric Pollution**

Sulphur Dioxide (SO <sub>2</sub> )	<b>BLQ</b> (LOQ:4)	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO <sub>2</sub> )	<b>7.29</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>33</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23):2006
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>9</b>	60	µg/m <sup>3</sup>	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013
Ozone (O <sub>3</sub> )	<b>BLQ</b> (LOQ:19.6)	180	µg/m <sup>3</sup>	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 4H, Page no. 403 :1988
Lead (as Pb)	<b>BLQ</b> (LOQ:0.02)	1	µg/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2
Carbon Monoxide (CO)	<b>1.79</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH <sub>3</sub> )	<b>BLQ</b> (LOQ:20)	400	µg/m <sup>3</sup>	CPCB Guidelines, Volume 1.36/2012-13, Page No.35: 2013
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>1.80</b>	5	µg/m <sup>3</sup>	IS 5182 (Part II) : 2006
Benzo (a) pyrene (BaP) Particulate Phase only	<b>BLQ</b> (LOQ:0.2)	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004
Arsenic (as As)	<b>BLQ</b> (LOQ:0.3)	6	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.4
Nickel (as Ni)	<b>BLQ</b> (LOQ:3)	20	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification  
TWA : Time Weighted Average  
# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

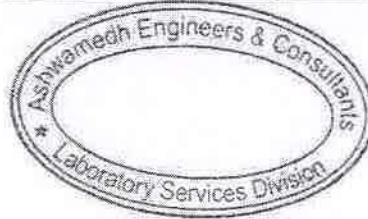
  
**Saanvi Dalal**  
Section In-charge (Chemical)  
Reviewed & Authorised by



Sample ID : AA/09/23/0102	Report No. AA/09/23/0102	Report Date	13/09/2023
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Section In-charge (Chemical)  
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**End of Report**

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## NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/09/23/0107	Report No. N/09/23/0107	Report Date	12/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited (Formerly Known as Polygenta Technologies Limited)</b> Gate No. 265/1, 266, Villgae Avanked, Tal.Dindori, Dist.Nashik 422202 Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	P.O.No. PO/AMC/010/23-24 dated 15.04.2023	Date-Monitoring	06/09/2023 to 07/09/2023

### Chemical Testing; Group: Atmospheric Pollution

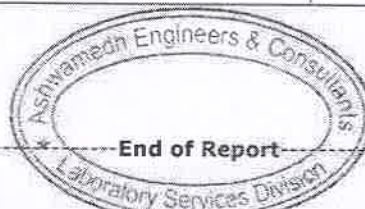
Location	Time (h)	Results	Method
		Noise Level dB (A) Fast Response	
Mr.Anil Nikam House	10:30	64	CPCB Protocol for Ambient Level Noise Monitoring. Aug AEC/D/SAP/SAM/356 36. Issue no.4. Issue date 01.04.2018
	11:30	65	
	12:30	64	
	13:30	62	
	14:30	60	
	15:30	60	
	16:30	61	
	17:30	58	
	18:30	59	
	19:30	53	
	20:30	57	
	21:30	56	
	22:30	57	
	23:30	56	
	24:30	55	
	01:30	54	
	02:30	56	
	03:30	54	
	04:30	54	
	05:30	55	
06:30	54		
07:30	57		
08:30	60		
09:30	62		

#### 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.)
Industrial Area	75	70
Average Results Noise Level dB (A) Fast Response	59	55

  
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Technical Manager (Chemical)  
Reviewed & Authorised by



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### AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/09/23/0103	Report No. AA/09/23/0103	Report Date	13/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near ETP	Date - Sampling	06/09/2023 to 07/09/2023
Sample Quantity / Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 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: 1 x 1 no. bladder	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	12/09/2023

#### Meteorological Data / Environmental Conditions

Average Wind Velocity 0.60 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 95/77%	Temperature (Max./Min.): 28/22°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit	Method

#### Chemical Testing; Group: Atmospheric Pollution

Sulphur Dioxide (SO <sub>2</sub> )	4.60	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO <sub>2</sub> )	7.63	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	40	100	µg/m <sup>3</sup>	IS 5182 (Part 23):2006
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	11	60	µg/m <sup>3</sup>	CPCB Guideline, Volume 1,36/2012-13, Page No.15:2013
Ozone (O <sub>3</sub> )	BLQ (LOQ:19.6)	180	µg/m <sup>3</sup>	Methods of Air Sampling and Analysis (AWMA), 3rd Ed, Method 411, Page no. 403 :1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2
Carbon Monoxide (CO)	1.75	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH <sub>3</sub> )	BLQ (LOQ:20)	400	µg/m <sup>3</sup>	CPCB Guidelines, Volume 1,36/2012-13, Page No 35: 2013
Benzene (C <sub>6</sub> H <sub>6</sub> )	2.58	5	µg/m <sup>3</sup>	IS 5182 (Part 1): 2006
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.4
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m <sup>3</sup>	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2

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

TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.



**Saanvi Dalal**  
Section In-charge (Chemical)  
Reviewed & Authorised by

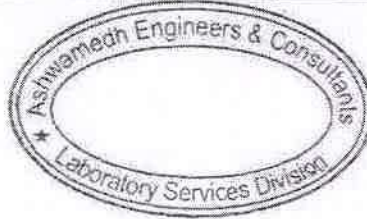




Sample ID : AA/09/23/0103	Report No. AA/09/23/0103	Report Date	13/09/2023
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Section In-charge (Chemical)  
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End of Report

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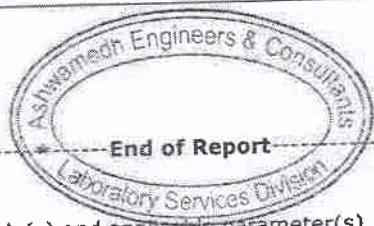


## NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/09/23/0108	Report No. N/09/23/0108	Report Date	12/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> <b>(Formerly Known as Polygenta Technologies Limited)</b> Gate No. 265/1, 266, Villgae Avanked, Tal.Dindori, Dist.Nashik 422202 Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	P.O.No. PO/AMC/010/23-24 dated 15.04.2023	Date-Monitoring	06/09/2023 to 07/09/2023

Chemical Testing; Group: Atmospheric Pollution			
Location	Time (h)	Results Noise Level dB (A) Fast Response	Method
Near ETP	10:10	67	CPCB Protocol for Ambient Level Noise Monitoring, Aug AEC/C/SAP/SAM/356 36. Issue no.-4. Issue date 01.04.2018
	11:10	68	
	12:10	70	
	13:10	72	
	14:10	68	
	15:10	67	
	16:10	65	
	17:10	66	
	18:10	59	
	19:10	58	
	20:10	57	
	21:10	56	
	22:10	56	
	23:10	57	
	24:10	56	
	01:10	57	
	02:10	56	
	03:10	54	
	04:10	54	
	05:10	57	
06:10	56		
07:10	64		
08:10	62		
09:10	64		
<b>Limit</b>			
<b>As per the Noise Pollution (Regulation &amp; Control) Rules, 2000(Rules 3 (1) and 4(1))</b>			
Limits in dB (A) weighted scale			
Area Type	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)	
Industrial Area	75	70	
Average Results Noise Level dB (A) Fast Response	63	56	

*(Signature)*  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



End of Report



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**AMBIENT AIR QUALITY MONITORING REPORT**

Sample ID : AA/09/23/0101	Report No. AA/09/23/0101	Report Date	13/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> (Formerly known as Polygenta Technologies Limited) Gat No. 265/1, 266, Village Avankhed, Tal. Dindori, Dist. Nashik - 422202, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate	Date - Sampling	06/09/2023 to 07/09/2023
Sample Quantity / Packing	PM <sub>10</sub> , Bap, Metals: 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 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: 1 x 1 no. bladder	Date - Receipt of Sample	07/09/2023
Sampling Procedure	As per method reference	Date - Start of Analysis	07/09/2023
Order Reference	P.O. No. PO/AMC/010/23-24 dated 15.04.2023	Date - Completion of Analysis	12/09/2023


**Meteorological Data / Environmental Conditions**

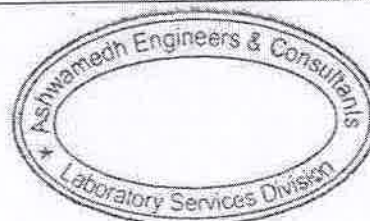
Average Wind Velocity 0.60 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 95/77%	Temperature (Max./Min.): 28/22°C	Duration of Survey 24 h
Parameter	Result	NAAQS# 2009	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Sulphur Dioxide (SO <sub>2</sub> )	5.32	80	µg/m <sup>3</sup>	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO <sub>2</sub> )	BLQ (LOQ:6.5)	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	38	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2006
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	8	60	µg/m <sup>3</sup>	EPCB Guideline, Volume 1,36/2012-13, Page No.15:2013
Ozone (O <sub>3</sub> )	BLQ (LOQ:19.6)	180	µg/m <sup>3</sup>	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411, Page no. 403, 1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m <sup>3</sup>	EPA/625/R-96/DIO a Compendium Method 10-3.1 & 3.2
Carbon Monoxide (CO)	1.23	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH <sub>3</sub> )	BLQ (LOQ:20)	400	µg/m <sup>3</sup>	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C <sub>6</sub> H <sub>6</sub> )	1.72	5	µg/m <sup>3</sup>	IS 5182 (Part II) : 2008
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m <sup>3</sup>	IS 5182 (Part 12): 2004
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m <sup>3</sup>	EPA/625/R-96/DIO a Compendium Method 10-3.1 & 3.4
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m <sup>3</sup>	EPA/625/R-96/DIO a Compendium Method 10-3.1 & 3.2

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

TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

  
**Saanvi Dalal**  
Section In-charge (Chemical)  
Reviewed & Authorised by



Sample ID : AA/09/23/0101

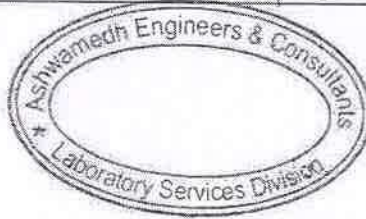
Report No. AA/09/23/0101

Report Date

13/09/2023



Saanvi Dalal  
Section In-charge (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.



## NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/09/23/0106	Report No. N/09/23/0106	Report Date	12/09/2023
Name and address of Customer	<b>Revalyu Recycling (India) Limited</b> <b>(Formerly Known as Polygenta Technologies Limited)</b> Gate No. 265/1, 266, Villgae Avanked, Tal.Dindori, Dist.Nashik 422202 Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	P.O.No. PO/AMC/010/23-24 dated 15.04.2023	Date-Monitoring	06/09/2023 to 07/09/2023

**Chemical Testing; Group: Atmospheric Pollution**

Location	Time (h)	Results		Method
		Noise Level dB (A)	Fast Response	
Near Main Gate	10:00	65		CPCB Protocol for Ambient Level Noise Monitoring, Aug AEL/C/SAP/SAM/356 35, Issue no.4, Issue date 01.04.2019
	11:00	64		
	12:00	66		
	13:00	65		
	14:00	69		
	15:00	70		
	16:00	71		
	17:00	60		
	18:00	60		
	19:00	62		
	20:00	60		
	21:00	60		
	22:00	58		
	23:00	57		
	24:00	56		
	01:00	57		
	02:00	56		
	03:00	57		
	04:00	56		
	05:00	57		
06:00	56			
07:00	65			
08:00	54			
09:00	65			
<b>Limit</b>				
<b>As per the Noise Pollution (Regulation &amp; Control) Rules, 2000(Rules 3 (1) and 4(1))</b>				
Area Type	Limits in dB (A) weighted scale			
	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)		
Industrial Area	75	70		
<b>Average Results</b>	<b>63</b>	<b>57</b>		
<b>Noise Level dB (A) Fast Response</b>				

*(Signature)*  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



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