

PARAS INTERMEDIATES PRIVATE LIMITED

MANUFACTURERS OF FINE CHEMICALS

Factory :

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31-December-2022

To,
Integrated Regional Office
Ministry Of Environment, Forest & Climate Change
Room No = 407 , Aranya Bhawan
Near CH - 3 Circle , Sector 10 A
Gandhinagar , Gujarat - 382010
Ph = 079 - 23255067
Email = iro.gandhingr-mefcc@gov.in

Kind Att : Additional Principal Chief Conservator of Forest

SUB:- Submission of 6 Monthly Status of Compliance of Environment Clearance.

Ref:- (i)Environment Clearance : J-11011/263/2012-IA-(II)(I) dated 09-06-2016

Respected Sir,

With respect to our above environment clearance, we are enclosing herewith our compliance report with supporting data for the 6 months period of June 2022 to November 2022.

We hope the attached submission is as required. In case any further details are required, kindly let us know.

Thanks & best regards.



Jigar Shah
Director
DIN : 00216349
Encl.a.a.

PARAS INTERMEDIATES PVT LTD

COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

	CONDITION	COMPLIANCE																														
A	SPECIFIC CONDITIONS																															
i)	National Emission Standards for Organic Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and amended time to time shall be followed by the unit.	We are following National Emission Standards for Organic Manufacturing Industry along with the stipulations given by GPCB as per our existing consent.																														
ii)	Adequate stack height shall be provided to additional gas fired boiler as per CPCB /GPCB guidelines	<div>We have provided adequate stack height to our Gas Fired Boiler as per conditions / guidelines given in our Consent from GPCB. The monitoring of the stack is done routinely by 3rd party and the results of the last monitoring are as below :</div> <table><tr><th colspan="2">Monitoring of Boiler Stack by Clean Enviro Projects Consultancy Pvt Ltd</th></tr><tr><th>Description</th><th>Observation On Results</th></tr><tr><td>Date of Sampling</td><td>15-Dec-2018</td></tr><tr><td>Sampling Time</td><td>11:30 am</td></tr><tr><td>No. of Sample</td><td>1</td></tr><tr><td>Stack Attached to</td><td>Boiler</td></tr><tr><td>Stack Height</td><td>11 m from Ground Level</td></tr><tr><td>Stack Temp (*C)</td><td>148°C</td></tr><tr><td>Stack Dia.</td><td>06 Inch</td></tr><tr><td>Stack Velocity</td><td>11.14 m/s</td></tr><tr><td>Flue Gas Sampled</td><td>20 L at STP</td></tr><tr><td>RESULTS</td><td></td></tr><tr><td>PM, mg/Nm3</td><td>70.14</td></tr><tr><td>SO2, ppm</td><td>36.22</td></tr><tr><td>NOx, ppm</td><td>18.14</td></tr></table> <div>(Note: Currently, we are not operating boiler as we are obtaining steam from neighboring industry)</div>	Monitoring of Boiler Stack by Clean Enviro Projects Consultancy Pvt Ltd		Description	Observation On Results	Date of Sampling	15-Dec-2018	Sampling Time	11:30 am	No. of Sample	1	Stack Attached to	Boiler	Stack Height	11 m from Ground Level	Stack Temp (*C)	148°C	Stack Dia.	06 Inch	Stack Velocity	11.14 m/s	Flue Gas Sampled	20 L at STP	RESULTS		PM, mg/Nm3	70.14	SO2, ppm	36.22	NOx, ppm	18.14
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iii)	Scrubber shall be provided to process vents to control process emission. The scrubbing media should be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber should be monitored regularly and maintained properly. At no time, the emission levels should go beyond the prescribed standards.	Hydrogen Sulphide Gas and Ammonia Gas from the process vents are scrubbed through Caustic and water scrubbers respectively. Ammonia Scrubber is followed by dilute acid scrubber. Scrubber Efficiency is about 93%.																														

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	CONDITION	COMPLIANCE														
iv)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals / materials, multi cyclone seperator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area, etc shall be regularly monitored. Odour management plan shall be implemented.	<p>We are practicing close handling of all raw materials and finished products as far as possible. We have provided bag filters where dusting is likely, vent scrubbers, scrubbers in area of Ammonia feeding, etc at all vulnerable sources. Since loading / unloading of raw materials and finished products is in closed bags, no water sprinkling systems are needed. We are monitoring emissions of Ammonia & Hydrogen sulphide (At time of Ammonium Thiocyanate Manufacturing) gas in our work zone regularly. None of the raw materials used, intermediates produced or products manufactured have any odour nuisance. Below is the results of routine internal monitoring of Ammonia for the workplace :</p> <table><tr><th>Month</th><th>Ammonia observation in work place (ppm)</th></tr><tr><td>June-21</td><td>4.0</td></tr><tr><td>July-22</td><td>3.0</td></tr><tr><td>Aug-22</td><td>4.0</td></tr><tr><td>Sep-22</td><td>5.0</td></tr><tr><td>Oct-22</td><td>5.0</td></tr><tr><td>Nov-22</td><td>5.0</td></tr></table>	Month	Ammonia observation in work place (ppm)	June-21	4.0	July-22	3.0	Aug-22	4.0	Sep-22	5.0	Oct-22	5.0	Nov-22	5.0
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June-21	4.0															
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Nov-22	5.0															
v)	Solvent Management shall be carried out as follows:															
	i. Chilled brine circulation system shall be provided to condensate solvent vapours and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.	We are circulating chilled water to reduce solvents losses and collect and use the condensate. Solvent recovery currently is greater than 95%														
	ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	Solvent handling pumps have been provided by Mechanical Seals.														
	iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	Condensers is the system are provided with adequate Heat Transfer area and residence time to maximise recovery of the solvents.														
	iv. Solvents shall be stored in a separate space specified with all safety measures.	We have provided underground storage tank for solvent (methanol) as per requirement of Department of Explosives.														
	v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	We have provided double earthing to all electrical equipment where solvent handling is done.														
	vi. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.	Wherever there is solvent handling, we have provided flame proof electrical fittings. The solvent storage tanks are provided with breather valves and flame arrestor.														

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	CONDITION	COMPLIANCE																					
vi)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB Standards. Acoustic enclosure shall be provided to the DG Sets to mitigate the noise pollution.	We have provided appropriate Stack Height as per CPCB Standards our DG Set. The DG Set installed has Acoustic Enclosure confirming to maintain noise pollution well within statutory norms.																					
vii)	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of the monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective zonal office of the CPCB & GPCB. The levels of PM10, PM2.5, SO2, NOX, VOC, CO, H2S & NH3 in ambient air and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	The status of compliance of Environment Clearance company are updated on our website and also sent to Regional office of MoEF & CC to Bhopal by speed post / R.AD. We have procured Draeger Pump and Draeger & Uniphos Environment Monitoring tubes. Regular monitoring of H2S and NH3 are being carried out at stacks and at plant. In addition we have installed online detectors for Solvent which gives continuous reading of VOC present in addition to alarm in case of limits being reached. In addition, stack monitoring of boiler and ambient monitoring in the premises is done by 3rd party every 6 months.																					
viii)	Total fresh water requirement from GIDC water supply shall not exceed 121 m ³ /day.	<p>Water is sourced from GIDC and the withdrawal does not exceed 121 KL per day & is currently below 45 KL per day. Given below are the figures of actual water consumption for the period of June 2022 to November 2022</p> <table border="1"> <thead> <tr> <th>Month</th><th>Total Water Consumption for the month (KL)</th><th>Consumption Per Day (KL)</th></tr> </thead> <tbody> <tr> <td>June-21</td><td>1089</td><td>36.30</td></tr> <tr> <td>July-22</td><td>1181</td><td>38.09</td></tr> <tr> <td>Aug-22</td><td>1171</td><td>37.77</td></tr> <tr> <td>Sep-22</td><td>1115</td><td>37.16</td></tr> <tr> <td>Oct-22</td><td>1284</td><td>41.41</td></tr> <tr> <td>Nov-22</td><td>1341</td><td>44.70</td></tr> </tbody> </table>	Month	Total Water Consumption for the month (KL)	Consumption Per Day (KL)	June-21	1089	36.30	July-22	1181	38.09	Aug-22	1171	37.77	Sep-22	1115	37.16	Oct-22	1284	41.41	Nov-22	1341	44.70
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Nov-22	1341	44.70																					
ix)	Total effluent generation shall not exceed 58 m ³ /day. Out of which, high TDS effluent stream will be treated through Reverse Osmosis. RO permeate will be recycled/reused in the process. Remaining effluent will be treated in ETP and treated effluent will be sent to CETP inlet through GIDC underground drainage. No process effluent shall be discharged in and around the project site. Suitable treatment to be given for ammonical nitrogen in the effluent.	<p>Waste water generation & discharge for the period June 2022 to November 2022 is less than 31 KL per day. The wastewater generated is treated in our upgraded primary and secondary effluent treatment plant. After treatment it is being discharged through Common ETP of the Vapi Estate through underground drainage system. Domestic water is being sent through a septic tank to the ETP and finally to CETP. Ammonical Nitrogen is being removed in tertiary treatment by Sodium Hypochloride. Given below are the figures of actual water discharge for the period of June 2022 to November 2022.</p>																					

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CONDITION		COMPLIANCE																																			
		Month	Total Water discharge for the month (KL)	Average Discharge Per Day (KL)																																	
		June-21	758	25.26																																	
		July-22	799	25.77																																	
		Aug-22	932	30.06																																	
		Sep-22	756	25.20																																	
		Oct-22	916	29.54																																	
		Nov-22	845	28.16																																	
x)	Treated effluent should be passed through guard pond. Automatic / Online monitoring system (24 x 7 monitoring devices) for pH meter, flow meter and TOC analyzer should be installed. The data to be made available to the respective SPCB, Regional office of the MoEF & CC and in the company's website.	Treated effluent is collected separately in a sintex tank. It is tested and only thereafter discharge. We have installed online monitoring for pH and flow totalizer. Monthly data is provided to GPCB regularly during routine inspections. We are daily monitoring pH, Ammonical Nitrogen and COD of the total effluent the same is well within statutory norms. The average results of all the discharge for the six month period is as below: <table><tr><td>Month</td><td>pH</td><td>COD</td><td>Ammonical Nitrogen</td></tr><tr><td>NORM</td><td>6.5 to 8.5</td><td>< 1000 mg/lit</td><td>< 50 mg /lit</td></tr><tr><td>Dec-21</td><td>June-21</td><td>7.25</td><td>703</td></tr><tr><td>Jan-22</td><td>July-22</td><td>7.36</td><td>752</td></tr><tr><td>Feb-22</td><td>Aug-22</td><td>7.22</td><td>898</td></tr><tr><td>Mar-22</td><td>Sep-22</td><td>7.18</td><td>841</td></tr><tr><td>Apr-22</td><td>Oct-22</td><td>7.32</td><td>895</td></tr><tr><td>May-22</td><td>Nov-22</td><td>7.19</td><td>818</td></tr></table> Also the monitoring of discharged effluent is regularly conducted by CETP Operator – M/s Vapi Green Environment Limited. The results of the same are attached as Annexure 1				Month	pH	COD	Ammonical Nitrogen	NORM	6.5 to 8.5	< 1000 mg/lit	< 50 mg /lit	Dec-21	June-21	7.25	703	Jan-22	July-22	7.36	752	Feb-22	Aug-22	7.22	898	Mar-22	Sep-22	7.18	841	Apr-22	Oct-22	7.32	895	May-22	Nov-22	7.19	818
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xi)	Process effluent / any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Adequate care is taken and arrangements made to ensure that no process effluent or any wastewater mixes with the storm water. Separate transfer lines are provided for these effluents. Storm water is discharged separately out of the plant.																																			
xii)	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provide on tank farm. Solvent transfer shall be by pumps.	We are storing Methanol in underground tank approved by the Department of Explosives. Other hazardous material are stored in drums, carboys. Flame arrestor has been provided on tank farm. Solvent transfer is done by pumps.																																			

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	CONDITION	COMPLIANCE																					
xiii)	The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB should be obtained for disposal of solid / hazardous waste in the TSDF. Measures should be taken for fire-fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.	<p>We have obtained consolidated consent and Authorization from the GPCB for collection, treatment, storage, and disposal of hazardous wastes under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date. We have provided adequate firefighting facilities at our unit and the same is maintained regularly. We already have membership of common TSDF for hazardous waste disposal with Vapi Green Environment Ltd. The actual generation of Hazardous solid waste and Spent Carbon is as below.</p> <table border="1"> <thead> <tr> <th>Month</th><th>ETP Solid Waste Generation (kg)</th><th>Spent Carbon (kg)</th></tr> </thead> <tbody> <tr> <td>June-21</td><td>8620</td><td>500</td></tr> <tr> <td>July-22</td><td>1400</td><td>Nil</td></tr> <tr> <td>Aug-22</td><td>2000</td><td>500</td></tr> <tr> <td>Sep-22</td><td>3000</td><td>500</td></tr> <tr> <td>Oct-22</td><td>6500</td><td>2000</td></tr> <tr> <td>Nov-22</td><td>3500</td><td>1000</td></tr> </tbody> </table> <p>The above Hazardous waste is disposed from time to time as adequate load for truck load is generated.</p>	Month	ETP Solid Waste Generation (kg)	Spent Carbon (kg)	June-21	8620	500	July-22	1400	Nil	Aug-22	2000	500	Sep-22	3000	500	Oct-22	6500	2000	Nov-22	3500	1000
Month	ETP Solid Waste Generation (kg)	Spent Carbon (kg)																					
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Nov-22	3500	1000																					
xiv)	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules 11989 as amended in October 1994 and January 2000. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	We are complying with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. All transportation of Hazardous Chemicals is done vide dedicated vehicles provided by the agency as per current rules and as per Motor Vehicle Act 1989																					
xv)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall as per the norms.	We have made adequate arrangements for protection against possible fire hazards. This include providing double earthing in equipment where solvent is used, providing jumpers on solvent transfer lines, regular safety training to employees, providing fire extinguishers as per need and providing hydrant lines where necessary. (Hydrant water system is available from GIDC).																					
xvi)	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health checkup (Twice every year) for all employees are being carried out as per factories act and the reports of the same are being maintained. We are regularly reviewing needs for additional tests and conducting the same.																					

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COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

	CONDITION	COMPLIANCE
xvii)	At least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with DFO.	Our project is within notified area of GIDC. We have developed green belt in available open space and are continuously increasing the green belt within our premises as well as surrounding area as far as possible. Currently we have developed green belt on all the periphery and other areas available totally to almost 2500 sq.ft
xviii)	The project proponent shall ensure replacement of incandescent bulbs and CFLs with LEDs for all general lighting on plant/facility premises.	We have replaced a number of incandescent bulbs and CFLs with LEDs in general lighting as well as plant lighting within the plant premises. This is being continued on an ongoing basis as and when new replacement requirements come up.
xix)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Construction labour is sourced from the local residents as there is adequate supply of the same in Vapi. Construction labour shall not be residing in the facility. We had provided adequate drinking water and toilet arrangements for the construction workers at the time of construction phase.
B	GENERAL CONDITIONS:	
i)	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control board (GPCB) state government and any other statutory authority	We are adhering to the stipulations made by the Gujarat Pollution Control Board and other statutory authorities.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of Environment and forests. In case of deviations or alterations in the project proposal from those submitted to this ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measure required if any.	There is no further expansion / modification of the plant beyond the approval of MoEF & CC and the consent to Establish approved by the Gujarat Pollution Control Board. In case we need to alter anything in our project we shall refer to the ministry.
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station in installed in the upwind and downwind direction as well as	Ambient air quality monitoring by 3rd party is done once in 6 months. In addition, measures suggested during regular visits and inspection by State Pollution Control board officials are promptly implemented. Below are the results of recent monitoring of levels of PM10, PM2.5, SO2, NOX

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	CONDITION	COMPLIANCE	
	where maximum ground level concentrations are anticipated.	Monitoring of Ambient Air Ecosystem Resource Management Pvt Ltd	
		Date of Sampling	02-June-2022
		Sampling Time (Hrs)	24
		Location of the Station	5m from South Side of Main Gate
		Height of the Sampler from the ground level (m)	3 m
		Wind Direction	N-W to S-E
		Average Temp (*C)	28 *C
		Sampling flow rate (m3/min)	1.0 m3 / min
		Average Respirable Particulate Matter (PM _{2.5}) ug/m3	52
		Average Respirable Particulate Matter (PM ₁₀) µg/m3	89
		Average Oxides of Sulphur as SO _x , µg/m3	23
		Average Oxides of Nitrogen as NO _x , µg/m3	29
		Monitoring of Ambient Air Ecosystem Resource Management Pvt Ltd	
		Date of Sampling	02-June-2022
		Sampling Time (Hrs)	24
		Location of the Station	5m from South Side of Production Plant
		Height of the Sampler from the ground level (m)	3 m
		Wind Direction	N-W to S-E
		Average Temp (*C)	28 *C
		Sampling flow rate (m3/min)	1.0 m3 / min
		Average Respirable Particulate Matter (PM _{2.5}) ug/m3	45
		Average Respirable Particulate Matter (PM ₁₀) µg/m3	76
		Average Oxides of Sulphur as SO _x , µg/m3	18
		Average Oxides of Nitrogen as NO _x , µg/m3	24

	CONDITION	COMPLIANCE																															
iv)	The overall noise levels in and around the plant area 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 viz. 75 dBA(day time) and 70 dBA (night time).	<p>The overall noise levels in and around the plant area are within the standards. We have provided noise control measures like silencers and shock absorbers on most of the sources of noise generation. The ambient noise levels conforms to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). Periodic monitoring of noise by ourselves as well as 3rd party is done. Below are the results of recent monitoring of Noise Level done by 3rd Party</p> <table><tr><td></td><td colspan="3">Monitoring of Noise by Ecosystem Resource Management Pvt Ltd (Values in db (A))</td></tr><tr><td rowspan="2">Sr. No</td><td>Date</td><td>01-June-2022</td><td>02-June-2022</td></tr><tr><td>Time</td><td>6:00 am to 10:00 pm Limit : 75 db(A)</td><td>10:00 pm to 6:00 pm Limit : 70 db(A)</td></tr><tr><td>1</td><td>Near Main Gate</td><td>68.4</td><td>64.2</td></tr><tr><td>2</td><td>Near D.G. Set</td><td>70.5</td><td>65.8</td></tr><tr><td>3</td><td>Near Admin Building</td><td>68.3</td><td>62.7</td></tr><tr><td>4</td><td>Outside Production Plant</td><td>71.2</td><td>64.0</td></tr><tr><td>5</td><td>Near Boiler</td><td>73.7</td><td>68.0</td></tr></table>		Monitoring of Noise by Ecosystem Resource Management Pvt Ltd (Values in db (A))			Sr. No	Date	01-June-2022	02-June-2022	Time	6:00 am to 10:00 pm Limit : 75 db(A)	10:00 pm to 6:00 pm Limit : 70 db(A)	1	Near Main Gate	68.4	64.2	2	Near D.G. Set	70.5	65.8	3	Near Admin Building	68.3	62.7	4	Outside Production Plant	71.2	64.0	5	Near Boiler	73.7	68.0
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5	Near Boiler	73.7	68.0																														
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Harvesting is at present not possible due to permissions required. However, we are collecting some quantities of Rain water and using the same in cooling towers and plant washing.																															
vi)	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	We are using fixed piping to maximum possible extent for transfer of materials to avoid spillages. In addition, any accidental spillages in the plant are collected separately and treated as per segregated stream. They are not allowed to mix with domestic wastewater or storm water drains.																															
vii)	Usage of Personnel protection equipment by all employees / workers shall be ensured.	We have provided PPEs to all employees and these are being used as per requirements. The employees are regularly trained to use these PPEs. In addition, we are providing Mask to all employees as a precaution against COVID-19.																															

PARAS INTERMEDIATES PVT LTD

COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

	CONDITION	COMPLIANCE
viii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Regular training is imparted to employees on safety and health aspects of chemical handling and process SOPs. Routine periodical medical examinations are being done for all employees and the records of the same are being maintained.
ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry. All the recommendations made the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	All the environmental protection measures and safeguards proposed in the report have been complied with and implemented. All recommendations made in the EIA/EMP in respect of Environmental management and risk mitigation measures are being implemented. Since the project is in notified area of GIDC, there was no public hearing.
x)	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	We are in notified area of the GIDC. We participate in the community welfare measures and eco-development measures by promoting green area around our factory and through the activities of Vapi Industries Association and those of GIDC. In addition, we have made CSR Contribution of Rs 10,50,000/- in the year 2021-22 (Previous Year 591,000) as mandated by the companies act. We intend to spend an even higher amount in the current financial year.
xi)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We are in notified area of the GIDC. We participate in the community welfare measures and eco-development measures by promoting green area around our factory and through the activities of Vapi Industries Association and those of GIDC.
xii)	A separate Environmental management cell equipped with full-fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions.	We are a small scale unit. But we have appointed a person employed with us since about 20 years as Health Safety and Environment in charge. In addition the Director and senior production personnel of the company are directly involved in all Environment related activities. We have formulated and approved Corporate Safety Health & Environment Policy and same is being implemented.
xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the ministry of environment and forests as well as the state government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	We are regularly earmarking funds to implement conditions stipulated by the Ministry of Environment and Forests and Gujarat Pollution control board. We have spent about Rs 44.71 Lakhs in the last financial year (2021-22) (vs Rs 52.71 Lakhs in the previous year) as expenses in ensuring these norms are met. In addition we are continuously using our resources in further improving our environment management plan by evaluating better procedures and newer technologies in this field. As per our EMP, we have made a capital investment of Rs 7 lakhs to obtain new

PARAS INTERMEDIATES PVT LTD

COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

	CONDITION	COMPLIANCE
		RO Plant which shall help us recycling part of the effluent discharged hereto.
xiv)	A copy of the clearance latter shall be sent by the project proponent to concerned panchayat, zila parisad/municipal corporation, urban local body and the local NGO, if any, from who suggestions / representations, if any, were received while processing the proposal.	Since the project is located in the GIDC & there was no public hearing required, there was no suggestions / representations received from any concerned panchayat, zila parishad/municipal corporation, urban local body and the local NGO. Hence this condition is not applicable to this project.
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated environmental clearance 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 Gujarat Pollution Control Board. A copy of environmental clearance and six monthly compliance status report shall be posted on the website of the company.	The Latest status of compliance of Environment Clearance company are updated on our website and also sent to Regional office of MoEF &CC to Bhopal by speed post / R.AD periodically.
xvi)	The environmental statement for each financial year ending 31st March in form-V as in mandated shall be submitted to the Gujarat 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 environment clearance conditions and shall also be sent to the Bhopal regional offices of MoEF by e-mail.	We are filing environment statement for each financial year ending 31st March in Form V with Gujarat Pollution Control Board as prescribed under the Environment Protection Rules 1986. The status of compliance of Environment Clearance company are updated on our website , on the website of MoEF & CC and also sent to Regional office of MoEF &CC to Bhopal by speed post / R.AD.
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance latter are available with the SPCB/Committee and may also be seen at website of the ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance latter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned regional office of the ministry.	We have informed the public that our project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with SPCB/ Committee and also at the website of the ministry at http://envfor.nic.in . We had made the advertisement of receipt on environment clearance on 16th June 2016 in Times of India (Ahmedabad Edition) in English and Divya Bhaskar (Surat Edition) in Gujarati. A copy of the newspaper page highlighting our advertisement was forwarded to Bhopal office of MoEF &CC vide our letter dated 27th January 2017.

PARAS INTERMEDIATES PVT LTD
COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

	CONDITION	COMPLIANCE
xviii)	The project authorities shall inform the regional office as well as the ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	The project is intended to be funded by internal accruals & therefore does not require any financial closure. We have received Consent to Establish (NOC) as well as Consolidated Consent and Authorisation (CCA) for Expansion from the Gujarat State Pollution Control board valid till 30-Jun-2023. We have provided for all planned Environment Management measures in our EIA and have gradually started increasing capacity as per market demand.

For Paras Intermediates Pvt Ltd



Jigar Shah
Director

PARAS INTERMEDIATES PVT LTD
COMPLIANCE OF ENVIRONMENT CLEARANCE # J-11011/263/2012-IA II-(I) FOR JUNE 2022 TO NOVEMBER 2022

ANNEXURE – 1

Effluent Monitoring Results of ETP Discharge samples by CETP Operator M/s Vapi Green Environment Limited					
Sr. No	DATE	PH	COD	SS	NH3N
1	16-06-2022	7.03	380	260	---
2	29-06-2022	7.46	384	280	33
3	07-07-2022	6.90	560	272	---
4	01-08-2022	6.87	605	174	---
5	12-08-2022	7.12	680	190	---
6	19-08-2022	7.25	440	282	---
7	05-09-2022	7.34	456	274	25
8	10-09-2022	7.06	576	264	16
9	26-09-2022	7.48	896	284	22
10	04-10-2022	7.05	872	268	22
11	10-11-2022	7.63	448	100	---
	NORM	6.5 to 8.5	1000	300	50
	AVERAGE	7.20	572.45	240.73	23.60

--- / NT = Not Tested



AMBIENT AIR MONITORING REPORT

NAME OF INDUSTRY: PARAS INTERMEDIATES PVT. LTD. (UNIT – 1)

ADDRESS: Plot No. A/2/4 & 5, 1st Phase, G.I.D.C. Vapi, Di. Valsad.

No.	Description	Observation/Results	Limits	Method
1.	Date of sampling	02.06.2022		
2.	Sampling Time (Hrs.)	24		
3.	Location of the station	5 Mtr.on South side from Main Gate.		
4.	Height of the sampler from ground level (Mtr.)	3 Mtr.		
5.	Wind Direction	N/W – S/E		
6.	Average Temp. (oC)	28 °C		
7.	Sampling flow rate (m3/min)	1.0 m3/min.		
8.	Average Particulate matter as PM ₁₀ (µg/m3)	89	100	IS 5182 (P 23):2006
9.	Average Particulate matter as PM _{2.5} (µg/m3)	52	60	CPCB Guideline (Vol.1)
10.	Average Oxides of Sulphur as SO ₂ (µg/m3)	23	80	IS 5182 (P 02):2001
11.	Average Oxides of Nitrogen as NO _x (µg/m3)	29	80	IS 5182 (P 06):2006

**FOR ECOSYSTEM RESOURCE
MANAGEMENT PVT. LTD.**



AMBIENT AIR MONITORING REPORT

NAME OF INDUSTRY: PARAS INTERMEDIATES PVT. LTD. (UNIT – 1)

ADDRESS: Plot No. A/2/4 & 5, 1st Phase, G.I.D.C. Vapi, Di. Valsad.

No.	Description	Observation/Results	Limits	Method
1.	Date of sampling	02.06.2022		
2.	Sampling Time (Hrs.)	24		
3.	Location of the station	5 Mtr.on South side from Production Plant.		
4.	Height of the sampler from ground level (Mtr.)	3 Mtr.		
5.	Wind Direction	N/W – S/E		
6.	Average Temp. (oC)	28 °C		
7.	Sampling flow rate (m3/min)	1.3 m3/min.		
8.	Average Particulate matter as PM ₁₀ (µg/m3)	76	100	IS 5182 (P 23):2006
9.	Average Particulate matter as PM _{2.5} (µg/m3)	45	60	CPCB Guideline (Vol.1)
10.	Average Oxides of Sulphur as SO ₂ (µg/m3)	18	80	IS 5182 (P 02):2001
11.	Average Oxides of Nitrogen as NOx (µg/m3)	24	80	IS 5182 (P 06):2006

**FOR ECOSYSTEM RESOURCE
MANAGEMENT PVT. LTD.**



MONITORING OF NOISE LEVEL

NAME OF INDUSTRY: PARAS INTERMEDIATES PVT. LTD. (UNIT - 1)

ADDRESS: Plot No. A/2/4 & 5, 1st Phase, G.I.D.C. Vapi, Di. Valsad.

SR. NO	LOCATION	RESULT dB (A)	PERMISSIBLE LIMIT dB (A)
	Date: - 01.06.2022		
(A)	Time: -6.00 am To 10.00 pm		
1.	Near Main Gate	68.4	75.0 dB(A)
2.	Near D.G.Set	70.5	
3.	Near Admin Building	68.3	
4.	Outside Production Plant	71.2	
5.	Near Boiler House	73.7	
	Date: - 12.06.2022		
(B)	Time: - 10.00 pm To 6.00 am		
1.	Near Main Gate	64.2	70.0 dB(A)
2.	Near D.G.Set	65.8	
3.	Near Admin Building	62.7	
4.	Outside Production Plant	64.0	
5.	Near Boiler House	68.0	

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