

A. Specific Conditions:

Sl. No.	Conditions	Compliance status
(i)	The company shall immediately switch to usage of gas as fuel completely as and when available in the area, till then PP should work upon reducing coal usage by 10% every year so that it is replaced by bio-briquettes gradually.	We shall switch to usage gas as fuel completely as and when available in the area, till then the feasibility to reduce the coal usage by 10% every year is being worked out so that it is replaced by bio-briquettes gradually.
(ii)	The company shall comply with all the environmental protection measures and safe guards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	We have already complied with all the environmental protection measures and safe guards proposed in the documents submitted to the ministry. The implementation of all the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project has also been complied.
(iii)	Consent To Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	We have obtained Consent To Establish from Pollution Control Board, Lucknow (U.P.) vide letter No. 135155/UPPCB/MORADABAD (UPPCBRO)/CTE/MORADABAD/2021 dated 15.12.2021 and also obtained consent to operate from U.P. Pollution control board Lucknow vide letter no.164123/UPPCB/Moradabad(UPPCBRO)/CT O /both/ Moradabad/2022 dt.6/10/2022.
(iv)	Total fresh water requirement shall not exceed 1249 KLD proposed to be met from ground water. Prior permission in this regard shall be obtained from the concerned regulatory authority. The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	Complied.
(v)	Necessary authorization required under the Hazardous and other waste (Management and Trans-boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	Complied.
(vi)	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAGS. The gaseous emissions shall be dispersed through the stack of adequate height as per CPCS/SPCS guidelines.	Complied.

(vii)	<p>a). Reactor shall be connected to chilled brine condenser system.</p> <p>b). Reactor and solvent handling pump shall have mechanical seal to prevent leakages.</p> <p>c). The condensers shall be provided with sufficient HTA and Residence time so as to achieve more than 98% recovery.</p> <p>d). Solvents shall be stored in a separate spaces specified with all safety measures.</p> <p>e). Proper earthing shall be provided in all electrical equipment wherever solvent handling is done.</p> <p>f). Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p>	<p>Already complied with.</p> <p>Reactor and solvent handling pump has been provided with mechanical seal to prevent leakages.</p> <p>Already provided.</p> <p>Solvent have been stored in a separate space specified with all safety measures like dyke wall, vent line with flame arrester, pressure relief valve, EPC, Temp & Pressure gauge etc.</p> <p>All the electrical equipments / installations have been provided with proper earthing and all electrical equipments are flame proof, wherever solvent handling is being done.</p> <p>All electrical equipments, in chemical handling areas, are flame proof. The solvent storage tanks have been provided with breather valve to prevent losses.</p>
(viii)	<p>Rain water shall be collected and stored in tanks and utilized in plant activities to reduce ground water usage instead of recharging. The storm water from premises shall be collected and discharged through a separate conveyance system.</p>	<p>The arrangement has been made to collect rain water and utilize it in plant activities such as Ash quenching and road cleaning etc. The storm water is also collected and discharged through a separate conveyance system.</p>
(ix)	<p>Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farms and solvent transfer through pumps. The company shall strictly comply with the rules and guidelines under manufacture, storage and Import of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.</p>	<p>The Hazardous Chemicals are stored in tanks, drums and carboys etc. Flame arresters have been provided on the storage tanks and solvent transfer is done through the pumps. We are strictly complying the provisions specified in the rules and guidelines under manufacture, storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of hazardous chemicals is being done in accordance with the provisions laid down in Motor Vehicle Act (MVA), 1989.</p>
(x)	<p>Process organic residue and spent carbon, if any, shall be sent to Cement Industries.</p>	<p>Ash generated from the Boiler is given to the contractor who sends the same to the Cement Industries for making cement. The process organic residue generated in small quantity from the bottom of distiller in 650 area is diluted with hot water and send to ETP for treatment.</p>
(xi)	<p>ETP sludge, process in organic and evaporation salt shall be disposed off to TSDF.</p>	<p>The ETP sludge is disposed off to TSDF Ramky, Kanpur for safe disposal. The generation of process inorganic and evaporation salt is not applicable.</p>

(xii)	<p>The company shall undertake waste minimization measures as below :-</p> <p>a). Metering and control of active ingredients to minimize waste.</p> <p>b). Reuse of by-product from the process as raw materials or as raw material substitutes in other processes.</p> <p>c). Use of Automated filling to minimize spillage.</p> <p>d). Use of close feed system into batch reactors.</p> <p>e). Venting equipment through vapour recovery system.</p> <p>f). Use of high pressure hoses for equipment cleaning to reduce waste water generation.</p>	<p>Already being followed.</p> <p>Not applicable as no by-product is generated from the process.</p> <p>Filling / Transfer of chemical is carried out by the pump through close loop to prevent spillage.</p> <p>Being followed.</p> <p>Being followed.</p> <p>Already being followed.</p>																														
(xiii)	<p>The green belt at-least 5-10 M width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in down ward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with state forest department.</p>	<p>Already complied.</p>																														
(xiv)	<p>As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the corporate Environmental Responsibility and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centres / support in nearby village's school, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc, in the nearby villages. The action plan shall to be completed within time as proposed.</p>	<p>We have proposed to invest an amount of Rs. 20 lacs in five years under Corporate Environment Responsibility. The break-up is given below :</p> <p>Skill Development : Training to poor & un-skilled person of nearby area :</p> <table> <tr> <td>1st year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>2nd year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>3rd year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>4th year</td> <td>-</td> <td>Rs. 3,00,000/-</td> </tr> <tr> <td>5th year</td> <td>-</td> <td>Rs. 2,00,000/-</td> </tr> </table> <p>Green Belt Development :</p> <table> <tr> <td>1st year</td> <td>-</td> <td>Rs. 80,000/-</td> </tr> <tr> <td>2nd year</td> <td>-</td> <td>Rs. 70,000/-</td> </tr> <tr> <td>3rd year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> <tr> <td>4th year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> <tr> <td>5th year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> </table>	1 st year	-	Rs. 4,00,000/-	2 nd year	-	Rs. 4,00,000/-	3 rd year	-	Rs. 4,00,000/-	4 th year	-	Rs. 3,00,000/-	5 th year	-	Rs. 2,00,000/-	1 st year	-	Rs. 80,000/-	2 nd year	-	Rs. 70,000/-	3 rd year	-	Rs. 50,000/-	4 th year	-	Rs. 50,000/-	5 th year	-	Rs. 50,000/-
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5 th year	-	Rs. 50,000/-																														

		We have spent an amount of Rs. 453167/- under Corporate Environmental Responsibility for the period from 01.04.2022 to 30.09.2022 against the stipulated amount of Rs. 4,70,000/- for IInd year. The detail of expenses is enclosed as Annexure-1.
(xv)	For DG sets, emission limits and stack height shall be in conformity with the extant regulations and CPCB guidelines Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Already complied.
(xvi)	The unit shall make the arrangement for protection of possible fire hazard during manufacturing process in material handling. Fire fighting system shall be as per the norms.	complied
(xvii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	The occupational health surveillance of the workers is being carried out on a regular basis and record for the same is maintained as per the provision specified in Factories Act.
(xviii)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Raw materials like ACN, VA & DMF are stored in the storage tank and AZDN, AMPS etc. are stored in a storage room covered from all the sides to prevent dust pollution and other fugitive emissions.
(xix)	Continuous on-line (24 x 7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration and data to be transmitted to the CPCB and SPCB Server. For on-line continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel / drain carrying effluent within the premises.	Already complied.
(xx)	The energy sources for lighting purposes shall preferably be LED based.	Complied.
(xxi)	The transportation of raw materials / products should be carefully performed using GPS enabled vehicles.	The transportation of raw materials / products is being carefully performed using GPS enabled vehicles.

B. General condition:

Sr. No.	Condition	Compliance
(i)	No further expansion or modification in the plant other than mentioned in EIA notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and climate change/SEIAA as applicable. In case of deviations or alternation in project proposal from those submitted to this ministry for clearance, a fresh reference shall be made to the ministry/SEIAA, as applicable to assess the adequacy of conditions imposed and to add additional protection measures required, if any.	We assure you that no further expansion or modification in the plant other than mentioned in EIA notification shall be carried out without prior approval of the ministry of Environment, forest and climate change/SEIAA.
(ii)	The energy source for lighting purpose shall be preferably LED based or advanced having preference in energy conservation and environment betterment.	The energy source for lighting purpose provided in our factory premises is preferably LED based for betterment and energy conservation.
(iii)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measure including acoustic hood, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA(day time) and 70 dBA (night time).	The overall noise levels in and around the plant area are always maintained well within the standards as noise control measures like silencers, enclosures etc. have been provided and workers always use ear plug and ear muff for protection against noise.
(iv)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco- development measures including welfare measures in the project area for overall improvement of the environment.	We are taking various measures like plantation, repairing of damaged pathways, filling of earth in the ditches developed on the brick soled walkway etc. for improving the socio-economic conditions of the surrounding area. We have undertaken skill development and greenbelt development (plantation) under CER activities for overall improvement of the environment.

(v)	<p>The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the ministry of environment, forest and climate change 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.</p>	<p>The capital cost is Rs. 1220 lacs & recurring cost Rs.128 lacs/annum for environment management / pollution control measures. Details given below:</p> <p><u>Capital cost (Rs. in lacs)</u></p> <table><tr><td>APC system : ESP, chimney,</td><td>- 600</td></tr><tr><td>Gas treatment & on line stack monitoring system.</td><td></td></tr><tr><td>Web Camera etc.</td><td></td></tr><tr><td>Water pollution Control system – ETP</td><td>- 470</td></tr><tr><td>Hazardous waste Management</td><td>- 70</td></tr><tr><td>Plantation</td><td>- 80</td></tr><tr><td></td><td>-----</td></tr><tr><td></td><td>1220 lac</td></tr><tr><td></td><td>-----</td></tr></table> <p><u>Recurring cost/annum (Rs in lacs)</u></p> <table><tr><td>Operation & Maintn. of ESP & gas treatment Plant & ETP</td><td>- 123.38</td></tr><tr><td>Health check up</td><td>- 0.40</td></tr><tr><td>Air/Water quality Monitoring by NABL</td><td>- 1.00</td></tr><tr><td>Approved lab Environment statement Report</td><td>- 0.50</td></tr><tr><td>Waste management</td><td>- 0.96</td></tr><tr><td>DMF checking by Dragger tube</td><td>- 0.20</td></tr><tr><td>Plantation & miscellaneous</td><td>- 1.95</td></tr><tr><td></td><td>-----</td></tr><tr><td></td><td>128 Lacs</td></tr><tr><td></td><td>-----</td></tr></table> <p>An amount of Rs. 67 lacs has been spent for the period from April - 2022 to sept- 2022 under recurring cost for environment management / pollution control measures.</p>	APC system : ESP, chimney,	- 600	Gas treatment & on line stack monitoring system.		Web Camera etc.		Water pollution Control system – ETP	- 470	Hazardous waste Management	- 70	Plantation	- 80		-----		1220 lac		-----	Operation & Maintn. of ESP & gas treatment Plant & ETP	- 123.38	Health check up	- 0.40	Air/Water quality Monitoring by NABL	- 1.00	Approved lab Environment statement Report	- 0.50	Waste management	- 0.96	DMF checking by Dragger tube	- 0.20	Plantation & miscellaneous	- 1.95		-----		128 Lacs		-----
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(vi)	<p>A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, urban local body and local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.</p>	<p>Already complied.</p>
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(vii)	<p>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 copy as well as by email to the regional office of the MOEF & CC, the respective zonal office of CPCB and SPCB. A copy of environmental clearance and six monthly compliance status report shall be posted on the website of the company.</p>	<p>We are submitting the six monthly report (April-2022 to September-2022) on the status of compliance of the stipulated environmental clearance conditions. The monitoring data (18-9-2022) is enclosed as Annexure-2. A copy of the environmental clearance and six monthly compliance status report has already been uploaded on web site of our company.</p>
(viii)	<p>The environmental statement for each financial year ending 31st March in form-V as is mandated shall be submitted to the concerned state pollution control board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently shall also be put on the web site of the company along with the status of compliance of the environmental conditions and shall also be sent to the respective regional offices of the MOEF & CC by email.</p>	<p>Complied.</p>

(ix)	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the ministry and copy of the clearance letter are available with SPCB/Committee and may also be seen at web site of the ministry at https://parivesh.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, 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.</p>	<p>Already complied.</p>
(x)	<p>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 date of start of project.</p>	<p>We have got CTE and CTO from uppcb, lucknow vide letter no.135155/uppcb/Moradabad(UPPCBRO)/CTE/Moradabad/2021 dated 15-12-21 and letter no.164123/uppcb/Moradabad(UPPCBRO)/CTO/both/moradabad/2022 dt.6/10/2022 respectively. The above consent is valid upto 31-12-2024.</p>

(xi)	This environmental clearance is granted subject to final outcome of the Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other court of law, if any, as may be applicable to this project.	We noted that the environmental clearance has been granted subject to final outcome of the Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other court, as may be applicable to this project.
21.	The ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
22.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.

23.	Any appeal against this environmental clearance shall be with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Noted.
24.	The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management), Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted.
25.	This issues with the approval of the competent authority.	Noted.

PASUPATI ACRYLON LIMITED (TKD)Annexure-1

FACTORY & REGD. OFFICE: KASHIPUR ROAD, THAKURDWARA, DISTT. MORADABAD- 244601 UP (INDIA)

CORPORATE ENVIRONMENTAL RESPONSIBILITY

Ledger From 01/04/2022 To 30/09/2022

Date VR No.	VR Type Entry/Bill No	Particulars	Debit (Rs.)	Credit (Rs.)	Balance
01/04/2022		Opening Balance			0.00
30/04/2022	Journal-W	SALARY (BASIC)	43,677.00		43,677.00 Dr
31		BEING DUE FOR THE M/O APRIL22 (CER)			
07/05/2022	Journal-Auto	KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD	15,400.00		59,077.00 Dr
31	40/2	BEING EXPENSES AS PER BILL/GR NO. 2 DT 01/05/2022 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF HORTICULTURE EXPENSES,CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 2 DT 01/05/2022 (PLANTATION / GARDERING)			
31/05/2022	Journal-W	SALARY (BASIC)	52,068.00		111,145.00 Dr
57		BEING DUE FOR THE M/O MAY22 (CER)			
04/06/2022	Journal-Auto	KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD	15,400.00		126,545.00 Dr
26	107/4	BEING EXPENSES AS PER BILL/GR NO. 4 DT 01/06/2022 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 4 DT 01/06/2022 (GREEN BELT)			
30/06/2022	Journal-W	SALARY (BASIC)	59,140.00		185,685.00 Dr
56		BEING DUE FOR THE M/O JUN22 (CER)			
30/06/2022	Journal-W	C.LIB.PROV.FOR BONUS	16,450.00		202,135.00 Dr
60		BEING PROVISION MADE FOR THE M/O APR-JUNE 2022			
07/07/2022	Journal-Auto	KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD	16,450.00		218,585.00 Dr
15	168/7	BEING EXPENSES AS PER BILL/GR NO. 7 DT 01/07/2022 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY, BILL NO. 7 DT 01/07/2022 (PLANTATION OF GREEN BELT)			
08/07/2022	Journal-W	C.LIB.PROV FOR EXPENSES		16,450.00	202,135.00 Dr
8		BEING PROVISION REVERSE FOR JUNE QUARTER			
31/07/2022	Journal-W	SALARY (BASIC)	65,608.00		267,743.00 Dr
65		BEING DUE FOR THE M/O JUL22 (CER)			
04/08/2022	Journal-Auto	KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD	16,450.00		284,193.00 Dr
10	218/12	BEING EXPENSES AS PER BILL/GR NO. 12 DT 01/08/2022 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 12 DT 01/08/2022 (PLANTION & MAINTENANCE (GREEN BELT))			
31/08/2022	Journal-W	SALARY (BASIC)	66,285.00		350,478.00 Dr
51		BEING DUE FOR THE M/O AUG22 (CER)			
05/09/2022	Journal-Auto	KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD	20,300.00		370,778.00 Dr
12	302/15	BEING EXPENSES AS PER BILL/GR NO. 15 DT 01/09/2022 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY, BILL NO. 15 DT 01/09/2022 (PLANTATION & MAINTENANCE GREEN BELT)			
30/09/2022	Journal-W	C.LIB.PROV FOR EXPENSES	17,150.00		387,928.00 Dr
59		BEING PROVISION MADE FOR JULY TO SEPTEMBER 2022			
30/09/2022	Journal-W	SALARY (BASIC)	65,239.00		453,167.00 Dr
60		BEING DUE FOR THE M/O SEP22 (CER)			
Closing Balance			469617.00	16450.00	453,167.00 Dr



ENVIRO-TECH SERVICES

An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

ANNEURE-2



ISO 9001/14001/45001



TEST REPORT

TEST REPORT NO.: ETS/1312/09/2022

DATE OF REPORT: 22.09.2022

AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD

Date of Monitoring : 17.09.2022

Analysis Start Date : 19.09.2022

Analysis End Date : 22.09.2022

Duration Of Monitoring : 17.09.2022 To 18.09.2022

Time Of Monitoring : 10.18 AM To 11.22 AM

Sample ID No : 1312

Sampling Done By : ETS STAFF

Sampling Location : NEAR TEMPLE

Sampling Method : ETS/STP/AIR-01

Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

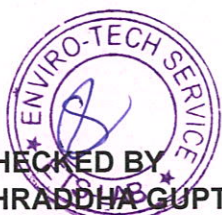
Weather Condition : CLEAR Ambient Temperature: 35.0 °C

Wind Direction : E To W

Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	62.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	24.6	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	24.2	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	12.4	For 24 Hrs.=80	IS: 5182 (Part-6)

*****End of Test Report*****



CHECKED BY
SHRADDHA GUPTA

Page 1 of 1

For ENVIRO-TECH SERVICES

MD HUMRAJ
Quality Manager
AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



TEST REPORT

TEST REPORT NO.: ETS/1313/09/2022

DATE OF REPORT: 22.09.2022

AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD

Date of Monitoring : 17.09.2022
Analysis Start Date : 19.09.2022
Analysis End Date : 22.09.2022
Duration Of Monitoring : 17.09.2022 To 18.09.2022
Time Of Monitoring : 10.15 AM To 11.18 AM
Sample ID No : 1313
Sampling Done By : ETS STAFF
Sampling Location : NEAR MATERIAL GATE
Sampling Method : ETS/STP/AIR-01
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 35.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	84.7	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	42.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	26.4	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	14.8	For 24 Hrs.=80	IS: 5182 (Part-6)

*****End of Test Report*****



For ENVIRO-TECH SERVICES

MD HUMRAJ
Quality Manager
AUTHORIZED SIGNATORY

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

TEST REPORT NO.: ETS/1314/09/2022

DATE OF REPORT:

22.09.2022

AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD

Date of Monitoring : 17.09.2022
Analysis Start Date : 19.09.2022
Analysis End Date : 22.09.2022
Duration Of Monitoring : 17.09.2022 To 18.09.2022
Time Of Monitoring : 10.16 AM To 11.20 AM
Sample ID No : 1314
Sampling Done By : ETS STAFF
Sampling Location : NEAR CATALYST AREA
Sampling Method : ETS/STP/AIR-01
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 35.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	70.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	25.8	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	24.4	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	15.8	For 24 Hrs.=80	IS: 5182 (Part-6)

*****End of Test Report*****



Page 1 of 1

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Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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TEST REPORT

TEST REPORT NO.: ETS/1315/09/2022

DATE OF REPORT: 22.09.2022

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD

Date Of Sampling : 17.09.2022
Analysis Start Date : 19.09.2022
Analysis End Date : 22.09.2022
Duration Of Sampling : 30 MIN
Sample ID No. : 1315
Sampling Done By : ETS STAFF
Sampling Method : ETS/STP/ STACK-01
Stack Attached To : BOILER
Capacity Of Stack : 50.0 TPH
Quantity Of Fuel Used : 200.0 TPD
Type Of Fuel Used : COAL
Stack Height Above Ground : 60.0 MTR.
Stack Dia At The Top : 3055.0 MM
Material Of Construction : R.C.C.
Attached APCS : ESP
Normal Operating Schedule : NORMAL
Ambient Temperature : 34.0°C
Flue Gas Temperature : 135.0°C
Velocity Of Flue Gases : 3.8 MTR./SEC.
Quantity Of Emission Discharged : 100225.48 (m³/hr)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM)	mg/Nm ³	48.6	150	IS-11255 (Part-1)
2	Sulphur Dioxide, (SO ₂)	mg/Nm ³	125.1	600	IS-11255 (Part-2)
3	Oxide of Nitrogen, (NOX as NO ₂)	mg/Nm ³	8.4	300	IS-11255 (Part-7)
4	Carbon Monoxide, (CO)	%v/v	0.55	1	IS: 13270

*****End of Test Report*****

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TEST REPORT

TEST REPORT NO.: ETS/1316/09/2022

DATE OF REPORT: 22.09.2022

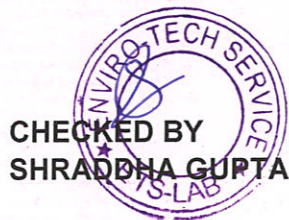
WASTE WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD.

Date of Sampling : 17.09.2022
Analysis Start Date : 19.09.2022
Analysis End Date : 22.09.2022
Sample ID No : 1316
Sampling Done By : ETS STAFF
Sampling Description : AFTER TREATMENT
Sampling Location : E.T.P.- OUTLET
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 2.0 Ltr.
Packing Condition : SEALED
Packed In : P.V.C. CANE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)		Test Method
				Inland Surface Water	Public Sewers	
1	pH	...	7.34	5.5 - 9.0	5.5 - 9.0	APHA 4500-H+
2	Conductivity	µs/cm	2050.2	Not Specified	Not Specified	APHA 2510-B
3	Colour	Hazen	<10.0	APHA 2120-B
4	Total Dissolved Solids,(TDS)	mg/L	1374.4	Not Specified	Not Specified	APHA 2540-C
5	Total Suspended Solids,(TSS)	mg/L	28.8	100	600	APHA 2540-D
6	Chemical Oxygen Demand,(COD)	mg/L	105.7	250	Not Specified	APHA 5220-B
7	Biological Oxygen Demand(BOD _{3d} 27°C)	mg/L	16.9	30	350	IS: 3025 (Part-44)
8	Oil & Grease, (O & G)	mg/L	4.5	10	20	APHA 5520-D

*****End of Test Report*****



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TEST REPORT

TEST REPORT NO.ETS/1317/09/2022

DATE OF REPORT: 22.09.2022

WASTE WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD.

Date of Sampling : 17.09.2022

Analysis Start Date : 19.09.2022

Analysis End Date : 22.09.2022

Sample ID No : 1317

Sampling Done By : ETS STAFF

Sampling Description : BEFORE TREATMENT

Sampling Location : E.T.P.- INLET

Sampling Method : ETS/STP/WATER-02

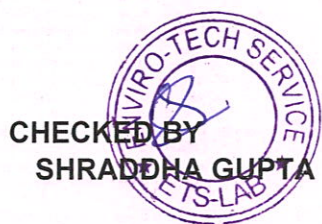
Sample Quantity : 2.0 Ltr.

Packing Condition : SEALED

Packed In : P.V.C. CANE

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	6.22	APHA 4500-H+
2	Conductivity	µs/cm	2220.5	APHA 2510-B
3	Colour	Hazen	21.7	APHA 2120-B
4	Total Dissolved Solids,(TDS)	mg/L	1682.9	APHA 2540-C
5	Total Suspended Solids,(TSS)	mg/L	94.2	APHA 2540-D
6	Chemical Oxygen Demand,(COD)	mg/L	1365.8	APHA 5220-B
7	Biological Oxygen Demand(BOD _{3d} 27°C)	mg/L	445.2	IS: 3025 (Part-44)
8	Oil & Grease, (O & G)	mg/L	16.1	APHA 5520-D

*****End of Test Report*****



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Format No ETS/LAB/TR-10, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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TEST REPORT

TEST REPORT NO.: ETS/1318/09/2022

DATE OF REPORT: 22.09.2022

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD.

Date of Sampling : 17.09.2022
Analysis Start Date : 19.09.2022
Analysis End Date : 22.09.2022
Sample ID No : 1318
Sampling Done By : ETS STAFF
Sampling Description : GROUND WATER
Sampling Location : BOREWELL WATER
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 2.0 + 0.5 Ltr.
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	
PHYSICAL & CHEMICAL PARAMETERS;						
1	pH	...	7.34	6.5 - 8.5	No Relaxation	APHA 4500-H+
2	Colour	Hazen	<1.0	5	15	APHA 2120-B
3	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
4	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
5	Total Dissolved Solids,(TDS)	mg/L	382.8	500	2000	APHA 2540-C
	Total Suspended Solids,(TSS)	mg/L	<2.0	Not Specified	Not Specified	APHA 2540-D
7	Chemical Oxygen Demond,(COD)	mg/L	<5.0	Not Specified	Not Specified	APHA 5220-C
8	Biological Oxygen Demond(BOD _{3d} 27°C)	mg/L	<2.0	Not Specified	Not Specified	IS 3025 (Part-44)
HEAVY METALS:-						
9	Mercury,(Hg)	mg/L	<0.001	0.001	No Relaxation	APHA-3114C
10	Chromium,(Cr ⁺⁶)	mg/L	<0.05	Not Specified	Not Specified	APHA 3500:(Cr)-B
11	Arsenic,(As)	mg/L	<0.01	0.01	0.05	APHA 3120B
12	Lead,(Pb)	mg/L	<0.01	0.01	No Relaxation	APHA-3120B

*****End of Test Report*****

Page 1 of 1



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For ENVIRO-TECH SERVICES
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Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/1319/09/2022

DATE OF REPORT: 22.09.2022

NOISE MONITORING REPORT

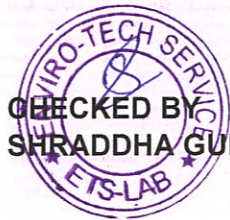
Name And Address of Customer : M/S, PASUPATI ACRYLON LIMITED
THAKURDWARA, DISTRICT- MORADABAD

Date of Monitoring : 17.09.2022
Monitoring Start Date : 17.09.2022
Monitoring End Date : 18.09.2022
Duration Of Monitoring : 8 HOURS
Sample ID No : 1319
Monitoring Done By : ETS STAFF
Sampling Location : NEAR TURBINE, BOILER AND COMPRESSOR
Sampling Method : ETS/STP/NOISE-01
Category Of Area : INDUSTRIAL AREA

S. No.	Test Parameter	Result	Specification/Limit (As per Factories Act)
1	Average, dB(A)	70.7	90
2	Maximum, dB(A)	81.9	
3	Minimum, dB(A)	59.5	
4	Leq dB(A)	70.9	

Remark: Day time as per factory shift time.

*****End of Test Report*****



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