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**Sub : Expansion of Acrylic Fibre Manufacturing Unit (130 TPD to 200 TPD) by M/s Pasupati Acrylon Limited located at Kashipur road, Thakurdwara, Moradabad District, Uttar Pradesh.**

Dear Sir,

This has reference to the Environment Clearance issued to us from Ministry of Environment, Forest and Climate change vide Letter No. IA-J-11011/217/2019-IA-II (I) on the aforesaid subject matter.

The point-wise compliance report (for the period from April, 2024 to September, 2024) of the conditions given in the Environment Clearance issued to us, is enclosed for your kind perusal & information.

Thanking you,

Yours' faithfully,

For **PASUPATI ACRYLON LTD.**

**( S.P. GUPTA )  
DIRECTOR (OPERATIONS)**

Encl.: As above

## 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.	Gas is not available in the area. As soon as it will be available, we will switch to use the gas as fuel. .
(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.
(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.	Complied.
(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.	Noted and 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)	a). Reactor shall be connected to chilled	Already complied .

	<p>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>Complied.</p> <p>Complied</p> <p>Complied.</p> <p>Complied.</p> <p>Complied.</p>
(viii)	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.	Complied.
(ix)	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.	Already complied.
(x)	Process organic residue and spent carbon, if any, shall be sent to Cement Industries.	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.
(xi)	ETP sludge, process in organic and evaporation salt shall be disposed off to TSDF.	The ETP sludge is lifted by m/s re-sustainability ltd, Kanpur for safe disposal. The generation of process inorganic and evaporation salt is not applicable.
(xii)	The company shall undertake waste	

	<p>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><b>Skill Development : Training to poor &amp; unskilled person of nearby area :</b></p> <table> <tr> <td>1<sup>st</sup> year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>2<sup>nd</sup> year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>3<sup>rd</sup> year</td> <td>-</td> <td>Rs. 4,00,000/-</td> </tr> <tr> <td>4<sup>th</sup> year</td> <td>-</td> <td>Rs. 3,00,000/-</td> </tr> <tr> <td>5<sup>th</sup> year</td> <td>-</td> <td>Rs. 2,00,000/-</td> </tr> </table> <p><b>Green Belt Development :</b></p> <table> <tr> <td>1<sup>st</sup> year</td> <td>-</td> <td>Rs. 80,000/-</td> </tr> <tr> <td>2<sup>nd</sup> year</td> <td>-</td> <td>Rs. 70,000/-</td> </tr> <tr> <td>3<sup>rd</sup> year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> <tr> <td>4<sup>th</sup> year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> <tr> <td>5<sup>th</sup> year</td> <td>-</td> <td>Rs. 50,000/-</td> </tr> </table> <p>We have spent an amount of Rs. 412387/- in six months under Corporate Environmental Responsibility for the period from 01.04.2024 to</p>	1 <sup>st</sup> year	-	Rs. 4,00,000/-	2 <sup>nd</sup> year	-	Rs. 4,00,000/-	3 <sup>rd</sup> year	-	Rs. 4,00,000/-	4 <sup>th</sup> year	-	Rs. 3,00,000/-	5 <sup>th</sup> year	-	Rs. 2,00,000/-	1 <sup>st</sup> year	-	Rs. 80,000/-	2 <sup>nd</sup> year	-	Rs. 70,000/-	3 <sup>rd</sup> year	-	Rs. 50,000/-	4 <sup>th</sup> year	-	Rs. 50,000/-	5 <sup>th</sup> year	-	Rs. 50,000/-
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5 <sup>th</sup> year	-	Rs. 50,000/-																														

		30.09.2024 against the stipulated amount of Rs. 3,50,000/- for 4th year (2024 – 2025). The detail of expenses is enclosed as <b>Annexure-1</b> .
(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.	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.	Being complied on a regular basis and record is maintained.
(xviii)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Already complied.
(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.	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.	Complied.

**B. General conditions :**

<b>Sr. No.</b>	<b>Condition</b>	<b>Compliance</b>
(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.	Noted.
(ii)	The energy source for lighting purpose shall be preferably LED based or advanced having preference in energy conservation and environment betterment.	Complied.
(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).	Complied.
(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.	Complied.

<p>(v)</p>	<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><b><u>Stipulated recurring cost/annum (Rs in lacs) for environment management.</u></b></p> <table border="0"> <tr> <td>Operation &amp; Maintn. of ESP &amp; gas treatment Plant &amp; 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 Approved lab</td> <td>- 1.00</td> </tr> <tr> <td>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 &amp; miscellaneous</td> <td>- 1.95</td> </tr> <tr> <td></td> <td>-----</td> </tr> <tr> <td></td> <td>128.39 Lac</td> </tr> <tr> <td></td> <td>-----</td> </tr> </table> <p>An amount of Rs. 65.12 lacs has been spent in six months for the period from April, 2024 to September, 2024 under recurring cost for environment management / pollution control measures against above stipulated cost of rupees 128.39 lacs per year or rupees 64.19 in six months.</p>	Operation & Maintn. of ESP & gas treatment Plant & ETP	- 123.38	Health check up	- 0.40	Air/Water quality Monitoring by NABL Approved lab	- 1.00	Environment statement Report	- 0.50	Waste management	- 0.96	DMF checking by Dragger tube	- 0.20	Plantation & miscellaneous	- 1.95		-----		128.39 Lac		-----
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<p>(vi)</p>	<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>																				

(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 &amp; 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>Complied. The monitoring data is enclosed as <b>Annexure-2</b></p>
(viii)	<p>The environmental statement for each financial year ending 31<sup>st</sup> 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 &amp; 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 <a href="https:parivesh.nic.in">https:parivesh.nic.in</a>. 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>-----</p>	<p>Already complied.</p> <p>-----</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>-----</p>	<p>We have got CTE and CTO from UPPCB, Lucknow vide letter no.135155/uppcb/moradabad(UPPCBRO)/CTE/moradabad/2021 dated 15.12.2021 ( valid up to 30.09.2026) and letter no.164123/uppcb/Moradabad (UPPCBRO / CTO / both / moradabad / 2022 dated 6-10-2022 respectively. The above consent is valid upto 31.12.2024.</p> <p>-----</p>
(xi)	<p>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.</p>	<p>Noted .</p>
21.	<p>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</p>	<p>Noted.</p>

	or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	
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 01/04/2024 To 30/09/2024

Date VR No.	VR Type Entry/Bill No	Particulars	Debit (Rs)	Credit (Rs)	Balance
01/04/2024		Opening Balance			0.00
07/05/2024 40	Journal-Auto 63/3	<b>KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD</b> BEING EXPENSES AS PER BILL/GR NO. 3 DT 01/05/2024 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 3 DT 01/05/2024 (PLANTATION & MAINTANCE OF GREEN BELT AREA)	8,600.00		8,600.00 Dr
06/06/2024 24	Journal-Auto 144/5	<b>KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD</b> BEING EXPENSES AS PER BILL/GR NO. 5 DT 01/06/2024 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY, BILL NO. 5 DT 01/06/2024 (PLANTATION & MAINTANCE OF GREEN BELT AREA FOR THE M/O MAY-2024)	10,000.00		18,600.00 Dr
24/06/2024 21	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF APRIL -2024	55,600.00		74,200.00 Dr
25/06/2024 22	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF MAY -2024	66,193.00		140,393.00 Dr
30/06/2024 55	Journal-W	<b>C.LIB.PROV FOR EXPENSES</b> BEING PROVISION MADE FOR IST QTR. APRIL 2024 TO JUNE 2024	9,400.00		149,793.00 Dr
30/06/2024 77	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF JUNE -2024	53,900.00		203,693.00 Dr
05/07/2024 13	Journal-Auto 205/9	<b>KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD</b> BEING EXPENSES AS PER BILL/GR NO. 9 DT 01/07/2024 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 9 DT 01/07/2024 (GREEN BELT)	9,400.00		213,093.00 Dr
19/07/2024 26	Journal-W	<b>C.LIB.PROV FOR EXPENSES</b> BEING PROVISION REVERSE FOR JUNE 2024 1ST QTR.		9,400.00	203,693.00 Dr
06/08/2024 23	Journal-Auto 288/13	<b>KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD</b> BEING EXPENSES AS PER BILL/GR NO. 13 DT 01/08/2024 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY, BILL NO. 13 DT 01/08/2024 (PLANTATION (GREEN BELT))	8,600.00		212,293.00 Dr
07/09/2024 29	Journal-Auto 361/16	<b>KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD</b> BEING EXPENSES AS PER BILL/GR NO. 16 DT 02/09/2024 OF KRIPAL SINGH-FATEHULLA GANJ (JATWAN)-TKD ON A/C OF CORPORATE ENVIRONMENTAL RESPONSIBILITY,, BILL NO. 16 DT 02/09/2024 (PLANTATION)	8,400.00		220,693.00 Dr
30/09/2024 56	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF AUG -2024	61,612.00		282,305.00 Dr
30/09/2024 58	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF JULY -2024	59,806.00		342,111.00 Dr
30/09/2024 60	Journal-W	<b>C.LIB.PROV FOR EXPENSES</b> BEING PROVISION MADE FOR IIND QTR. FOR SEPTEMBER 2024	7,800.00		349,911.00 Dr
30/09/2024 67	Journal-W	<b>SALARY (BASIC)</b> BEING AMOUNT DUE FOR THE MONTH OF SEPT -2024	62,476.00		412,387.00 Dr
<b>Closing Balance</b>			<b>421,787.00</b>	<b>9,400.00</b>	<b>412,387.00 Dr</b>



# 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



## TEST REPORT

TEST REPORT NO.: ETS/2814-1/09/2024 ULR NO.TC130092400028141F DATE OF REPORT: 04.10.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

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

Date of Monitoring : 27.09.2024  
 Analysis Start Date : 30.09.2024  
 Analysis End Date : 04.10.2024  
 Duration Of Monitoring : 27.09.2024 To 28.09.2024  
 Time Of Monitoring : 10.30 AM To 10.30 AM  
 Sample ID No : 2814-1  
 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: 30.0 °C  
 Wind Direction : E To W  
 Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	65.4	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	28.9	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	12.6	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	10.7	For 24 Hrs.=80	IS: 5182 (Part-6)

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



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

For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY  
Pushkar Mittal  
Lab In-charge

#### 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.





# ENVIRO-TECH SERVICES

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(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



TC-13005

## TEST REPORT

TEST REPORT NO.: ETS/2814-2/09/2024 ULR NO.TC130092400028142F DATE OF REPORT: 04.10.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

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

Date of Monitoring : 27.09.2024  
 Analysis Start Date : 30.09.2024  
 Analysis End Date : 04.10.2024  
 Duration Of Monitoring : 27.09.2024 To 28.09.2024  
 Time Of Monitoring : 10.45 AM To 10.45 AM  
 Sample ID No : 2814-2  
 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: 30.0 °C  
 Wind Direction : E To W  
 Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	87.8	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	44.6	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	32.8	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	17.2	For 24 Hrs.=80	IS: 5182 (Part-6)

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



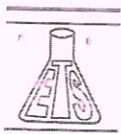
Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro-Tech Services  
*[Signature]*  
AUTHORIZED SIGNATORY  
Lab In-charge

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TC-13009

## TEST REPORT

TEST REPORT NO.: ETS/2814-3/09/2024 ULR NO.TC130092400028143F DATE OF REPORT: 04.10.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

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

Date of Monitoring : 27.09.2024  
 Analysis Start Date : 30.09.2024  
 Analysis End Date : 04.10.2024  
 Duration Of Monitoring : 27.09.2024 To 28.09.2024  
 Time Of Monitoring : 11.10 AM To 11.10 AM  
 Sample ID No : 2814-3  
 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: 30.0 °C  
 Wind Direction : E To W  
 Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	71.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	27.8	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	25.4	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	18.2	For 24 Hrs.=80	IS: 5182 (Part-6)

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



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*[Signature]*  
AUTHORIZED SIGNATORY  
Lab In-charge

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TC-13009

## TEST REPORT

TEST REPORT NO.: ETS/2814-4/10/2024 ULR NO.TC130092400028144F DATE OF REPORT: 04.10.2024

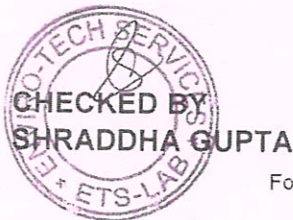
### STACK EMISSION MONITORING AND ANALYSIS REPORT

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

Date Of Sampling : 27.09.2024  
Analysis Start Date : 30.09.2024  
Analysis End Date : 04.10.2024  
Duration Of Sampling : 30 MIN  
Sample ID No. : 2814-4  
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 : 30.0°C  
Flue Gas Temperature : 120.0°C  
Velocity Of Flue Gases : 3.4 MTR./SEC.  
Quantity Of Emission Discharged : 86475.6 (m<sup>3</sup>/hr)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	47.6	150	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	124.8	600	IS-11255 (Part-2)
3	Oxide of Nitrogen,(NOX as NO <sub>2</sub> )	mg/Nm <sup>3</sup>	24.7	300	IS-11255 (Part-7)
4	Carbon Monoxide,(CO)	%v/v	0.48	1	IS: 13270

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



For Enviro-Tech Services

  
Anshu Kar Mittal  
AUTHORIZED SIGNATORY  
Lab In-charge

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TC-13009

## TEST REPORT

TEST REPORT NO.: ETS/2814-5/09/2024 ULR NO.TC130092400028145F DATE OF REPORT: 04.10.2024

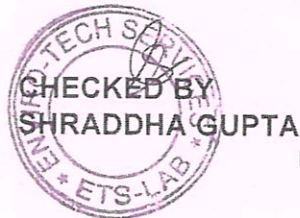
### WASTE WATER SAMPLE ANALYSIS REPORT

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

Date of Sampling : 27.09.2024  
Analysis Start Date : 30.09.2024  
Analysis End Date : 04.10.2024  
Sample ID No : 2814-5  
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	...	7.38	5.5 - 9.0	5.5 - 9.0	APHA 4500-H+
2	Total Dissolved Solids,(TDS)	mg/L	1356.0	Not Specified	Not Specified	APHA 2540-C
3	Total Suspended Solids,(TSS)	mg/L	23.6	100	600	APHA 2540-D
4	Chemical Oxygen Demand,(COD)	mg/L	107.8	250	Not Specified	APHA 5220-B
5	Biological Oxygen Demand(BOD <sub>3d</sub> 27°C)	mg/L	17.9	30	350	IS: 3025 (Part-44)
6	Oil & Grease, (O & G )	mg/L	4.4	10	20	APHA 5520-D

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



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## TEST REPORT

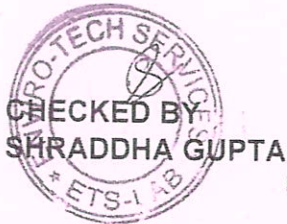
TEST REPORT NO.: ETS/2814-5/09/2024

DATE OF REPORT: 04.10.2024

### WASTE WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)		Test Method
				Inland Surface Water	Public Sewers	
7	Conductivity	µs/cm	2024.8	Not Specified	Not Specified	APHA 2510-B
8	Colour	Hazen	<10.0	...	...	APHA 2120-B

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



For Enviro-Tech Services

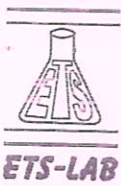
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TC-13006

## TEST REPORT

TEST REPORT NO.: ETS/2814-8/09/2024 ULR NO.TC130092400028147F DATE OF REPORT: 04.10.2024

### WATER SAMPLE ANALYSIS REPORT

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

Date of Sampling : 27.09.2024  
Analysis Start Date : 30.09.2024  
Analysis End Date : 04.10.2024  
Sample ID No : 2814-7  
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	
<b>PHYSICAL &amp; CHEMICAL PARAMETERS;</b>						
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	302.6	500	2000	APHA 2540-C
6	Total Suspended Solids,(TSS)	mg/L	<2.0	Not Specified	Not Specified	APHA 2540-D
<b>HEAVY METALS;-</b>						
7	Mercury,(Hg)	mg/L	<0.01	0.001	No Relaxation	APHA-3114C
8	Chromium,(Cr <sup>+6</sup> )	mg/L	<0.05	Not Specified	Not Specified	APHA 3500:(Cr)-B
9	Arsenic,(As)	mg/L	<0.01	0.01	0.05	APHA 3120B
10	Lead,(Pb)	mg/L	<0.01	0.01	No Relaxation	APHA-3120B

CHECKED BY  
SHRADDHA GUPTA

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Lab In-charge

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## TEST REPORT

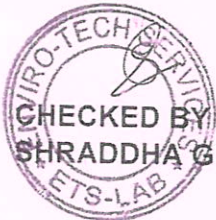
TEST REPORT NO.: ETS/2814-7/09/2024

DATE OF REPORT: 04.10.2024

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
11	Chemical Oxygen Demond,(COD)	mg/L	<5.0	Not Specified	Not Specified	APHA 5220-C
12	Biological Oxygen Demond(BOD <sub>3d</sub> 27°C)	mg/L	<2.0	Not Specified	Not Specified	IS 3025 (Part-44)

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



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TC-13009

## TEST REPORT

TEST REPORT NO.: ETS/2814-8/09/2024 ULR NO.TC130092400028148F DATE OF REPORT: 04.10.2024

## NOISE MONITORING REPORT

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

Date of Monitoring : 27.09.2024  
Monitoring Start Date : 27.09.2024  
Monitoring End Date : 27.09.2024  
Duration Of Monitoring : 8 HOURS  
Sample ID No : 2814-8  
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)	66.5	90
2	Maximum, dB(A)	81.2	
3	Minimum, dB(A)	51.8	
4	Leq dB(A)	66.7	

Remark:Day time as per factory shift time.

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



Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019 Lab In-charge

For Enviro-Tech Services  
*[Signature]*  
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