

Date: 23/05/2022

To,  
IRO Gandhinagar, MOEFCC  
A-407 & A-409,  
"ARANYA BHAWAN", Near CH-3 circle  
Sector-10A, Gandhinagar-382010.

**SUB: COMPLIANCE REPORT FOR THE PERIOD OF OCTOBER 2021 TO MARCH 2022 FOR EXPANSION OF CAPACITIES FOR FULLY DRAWN YARN, POLYESTER CHIPS & CAPTIVE POWER PLANT AT M/S. SHREE DURGA SYNTEX Pvt. Ltd . BLOCK NO. 129 & 175, PLOT NO. Z & E, VILLAGE: JOLVA, TALUKA: PALSANA, DIST: SURAT, GUJARAT.**

REF: **1. F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009**  
**2. F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

Dear Sir,

With reference to the Environmental Clearance obtained from MoEF for our production unit of Fully Drawn Yarn, Polyester Chips we are hereby enclosing the Compliance Report for the period of **OCTOBER 2021 TO MARCH 2022** of Environmental Clearance issued to us.

Now onwards we are giving assurance to you that we will submit six monthly compliance reports.

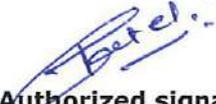
We hope you would find the same in order and do the needful.

Thanking You,

Yours faithfully,

For,

**M/s. Shree Durga Syntex Pvt. Ltd**

  
**Authorized signatory**

**Enclosure: a/a**

Copy to:

(1) The Member Secretary  
**Gujarat Pollution Control Board**  
State level Environment Impact Assessment Authority (SEIAA)  
Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector - 10 - A  
Gandhinagar - 382010

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant**

**By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva,**

**Taluka: Palsana, Dist: Surat., Gujarat**

Sr.No	CONDITIONS	COMPLIANCE STATUS																																				
1	<p>The Ministry of Environment and Forests has examined your application. It is noted that M/s Shree Durga Syntex Pvt. Ltd have proposed for expansion of capacities for Fully Drawn Yarn, Polyester Chips &amp; Captive power plant at block no. 129 &amp; 175, plot no. Z &amp; E, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat. The production capacity of Fully Drawn yarn will increase from 40 MTPD to 300 MTPD and captive power plant will increase from 3.25 MW to 12.25 MW. It is proposed to manufacture 600 MTPD of polyester chips by continuous polymerization. It is proposed to increase production capacity along with backward integration of polyester chips/ liquid polyester to avoid melting process of polyester chips for producing FDY. No eco sensitive areas are located within 10 km radius of the plant. The proposed expansion will be carried within the existing unit having land area of 9000 m<sup>2</sup>, of which green belt will be developed in 33% of the total land area. Cost of the project is Rs.150.00 Crores, of which Rs. 30.00 lakhs is earmarked for Environmental Protection Measures.</p>	<p>We have obtained Amendment in Environment Clearance vide order no.: <b>SEIAA/GUJ/EC/5(d) &amp; 1(d) / 1346 / 2018</b> dated: <b>14/12/2018</b> and Consolidated Consent &amp; Authorization – Amendment vide order no.: <b>AWH – 104837, GPCB/CCA-SRT-995/ID-21289/526769</b>, dated: <b>14/11/2019</b> with validity up to <b>03/07/2022</b>. Copy thereof are attached as <b>Annexure – I(A)</b> and <b>Annexure – I(B)</b> respectively for your reference.</p> <p>Area statement of the project shown in below table:</p> <table border="1" data-bbox="580 741 1505 1115"><thead><tr><th>PROJECT AREA</th><th>EXISTING AREA (m2)</th><th>PROPOSED AREA (m2)</th><th>TOTAL AREA (m2)</th></tr></thead><tbody><tr><td>Plant &amp; M/c area</td><td>2790.00</td><td>6750.00</td><td>9540.00</td></tr><tr><td>Utility area</td><td>9913.00</td><td>--</td><td>9913.00</td></tr><tr><td>Storage area</td><td>3853.00</td><td>--</td><td>3853.00</td></tr><tr><td>Office area</td><td>231.67</td><td>--</td><td>231.67</td></tr><tr><td>Road area</td><td>4422.00</td><td>327.00</td><td>4749.00</td></tr><tr><td>Green belt area</td><td>5462.00</td><td>3500.00</td><td>8962.00</td></tr><tr><td>Open Area</td><td>37058.33</td><td>--</td><td>26481.33</td></tr><tr><td><b>Total</b></td><td><b>63730.00</b></td><td><b>10577.00</b></td><td><b>63730.00</b></td></tr></tbody></table> <p>We ensure that 33.0% green belt area has been provided in proposed land of <b>10577.00</b> m<sup>2</sup>. Photographs of the same are as follows:</p> <div data-bbox="584 1249 1501 1585"></div>	PROJECT AREA	EXISTING AREA (m2)	PROPOSED AREA (m2)	TOTAL AREA (m2)	Plant & M/c area	2790.00	6750.00	9540.00	Utility area	9913.00	--	9913.00	Storage area	3853.00	--	3853.00	Office area	231.67	--	231.67	Road area	4422.00	327.00	4749.00	Green belt area	5462.00	3500.00	8962.00	Open Area	37058.33	--	26481.33	<b>Total</b>	<b>63730.00</b>	<b>10577.00</b>	<b>63730.00</b>
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**F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant**

**By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva,**

**Taluka: Palsana, Dist: Surat., Gujarat**



2

The total water requirement after the expansion will be 799 m<sup>3</sup>/d, which will be sourced from ground water source. Permission for drawl of 315m<sup>3</sup>/d of ground water was obtained on 12.10.2007. The waste water generation will be 202 m<sup>3</sup>/day. The domestic effluent (22m<sup>3</sup>/d) will be disposed of into septic tank followed by soak pit. Source of industrial wastewater (180 m<sup>3</sup>/d. will be from floor washing, cooling blow down, DM back wash and process condensate. The wastewater after passing through settling tank will be discharged in to the pipeline of PEPL, leading to PEPL CETP. Power requirement will be met through the Captive power plant. Fuel requirement will be natural gas (72,000 m<sup>3</sup>/day) or FO/LDO (100 m<sup>3</sup>/day) Stack height of 30 m is proposed for existing Gas Engine(3Nos) and 50 m for proposed DG sets (3 Nos), 30 m for proposed Gas Engine(3Nos) and 65 m for proposed DG sets (3 nos). Stack height of 11 m is proposed for steam boiler. There will not be any solid waste generation from the process or ETP.

**Complied.**

Permission for withdrawing ground water is obtained from CGWA for **1381 m<sup>3</sup>/Day**. Please find attachment as ANNEXURE- V.

As we have obtained Amendment in Environment Clearance vide order no.: **SEIAA/GUJ/EC/5(d) & 1(d) / 1346 / 2018** dated: **14/12/2018** and Consolidated Consent & Authorization – Amendment vide order no.: **AWH – 104837, GPCB/CCA-SRT-995/ID-21289/526769**, dated: **14/11/2019** with validity up to **03/07/2022**. The Total water requirement for the total production is **1084 KLD**. And Total waste water generation after proposed expansion is **549.0 KLD**

The Avg. Total water consumption in last six months is **915.0 KL/Day**. Monthly Total Water consumption details are given as below;

SN	Month	Qty (KL/Month)	Qty (KL/Day)
1	October 2021	31678	1021
2	November 2021	28856	961
3	December 2021	24716	797
4	January 2022	21827	704
5	February 2022	27154	969
6	March 2022	32148	1037

The Avg. industrial waste water generation in last six months is **379.0 KL/Day**. Monthly waste water generation details are given as below;

SN	Month	Qty (KL/Month)	Qty (KL/Day)
1	October 2021	12923	417
2	November 2021	12146	405
3	December 2021	11557	372
4	January 2022	7493	242
5	February 2022	10131	361
6	March 2022	14869	479

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To monitor the same, online flow meter is operational at the outlet of ETP discharge line to CETP. The Avg. domestic waste water generation is discharge through septic tank & soak pit. The generated industrial effluent is treated in ETP. The treated effluent is discharged to PEPL-CETP through pipeline.

Fuel consumption details are as below;

SN	Month	COAL (MT/Month)
1	October 2021	9,405
2	November 2021	9,655
3	December 2021	3,589
4	January 2022	2,700
5	February 2022	6,603
6	March 2022	17,900

3 The Petrochemical based processing units are listed at serial no. 5(e) of schedule of EIA Notification, 2006 and categorized under "A" or "B" category depending upon the location of the plant outside or inside the notified industrial area. In the instant case, the unit is located outside the industrial area hence this is a category "A" project and appraised by the Expert Appraisal committee (I) at centre.

**Noted.**

4 The proposal was considered by the Expert Appraisal Committee (Industry) in its 92<sup>nd</sup> meeting held on 18<sup>th</sup> - 20<sup>th</sup> March, 2009. The EAC (I) recommended the proposal for grant of environmental clearance under para 7(ii) of EIA Notification, 2006 exempting the project from preparation of EIA report and public hearing.

**Noted.**

5 Based on the information submitted by the project

**Noted.**

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authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14<sup>th</sup> September 2006 subject to the compliance of the following Specific and General Conditions:

**A SPECIFIC CONDITIONS:**

1. The industrial effluent generation shall not exceed 180m<sup>3</sup>/d. The effluent after treatment in the ETP and conforming to the prescribed standards shall be discharged into the pipeline of PEPL leading to CETP. The domestic effluent (22m<sup>3</sup>/d) shall be disposed through septic tank/soak pit.

**Complied.**

The Avg. industrial waste water generation in last six months is **379.0 KL/Day**. Monthly waste water generation details are given as below;

SN	Month	Qty (KL/Month)	Qty (KL/Day)
1	October 2021	12923	417
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To monitor the same, online flow meter is operational at the outlet of treated effluent discharge line to CETP. The logbook for the same is maintained at ETP. The generated industrial waste water is treated in ETP. The treated effluent is discharged to PEPL-CETP through pipeline. The waste water treated meets CETP inlet norms. Analysis report of the same is attached as **ANNEXURE- III**. The testing laboratory appointed is M/s. En-vision Environmental Services, Surat NABL accreditation certificate vide no. TC-5304, issue dated: 23/02/2019 and valid till-22/02/2021.

The domestic waste water generated is discharged through septic tank/soak pit.

2. There shall not be any process emissions due to the proposed activity. For dispersion of gaseous emissions from the steam boiler and DG sets, adequate height as per CPCB standards shall be provided. Acoustic enclosures / treatment shall be given to the DG sets to mitigate noise pollution. Measures for control of NOx emissions shall be undertaken.

**Complied.**

We ensure that there will not be any process emission due to our production activity. For dispersion of gaseous emission from the Steam Boiler, DG sets etc. following APCM, Stack are provided;

Stack No.	Stack Attached To	Stack Ht	APCM
1.	Natural gas based CPP Engines- 3 Nos. Stand by	30	---
2.	Natural gas based Steam Boiler (1 TPH)	11	---

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3.	Coal Based Thermic Fluid Heater(14,000 U)	50	---
4.	1 TPH Boiler with TFH (14000 U)	11	---
5.	Natural Gas Based Thermic Fluid Heater(200 U x 2 nos.) One Stand by	20	---
6.	Natural Gas Based LDO/FO based Thermic Fluid Heater (10000 U) × 2 one Stand By	35	---
7.	Captive Power Plant (9 MW)	80	ESP
8.	Steam Boiler (70 TPH) for coal based Power Plant (21 MW)	80	Economizer, Air Preheater
9.	Steam Boiler (23 TPH ) for coal based Power Plant (21 MW)		
10.	Thermic Fluid Heater (Coal based) (18 million Kcal/Hr)	50	ESP
11.	Steam Boiler (2 TPH)	50	Waste Heat Recovery System

\* DG Set Not Available



3.	The proponent shall upload the status of compliance of the	<b>Complied.</b> We have uploaded the status of compliance of Environmental Clearance
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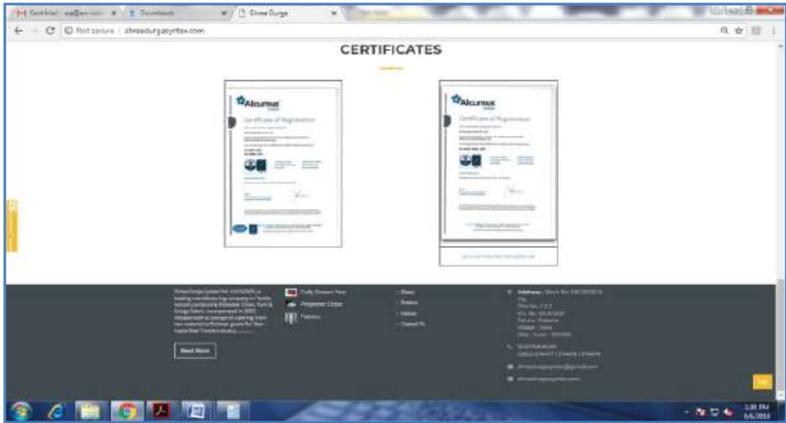
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	<p>stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>including results of monitored data on our website. It also simultaneously submitted to Regional office of MoEF i.e. RO Bhopal.</p>  <p>The pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emission) or critical sectoral parameters, are monitored periodically and displayed at display board near main gate in public domain.</p>
4.	<p>The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the MVA, 1989.</p>	<p><b>Noted.</b></p>
	<p>The company shall undertake following Waste Minimization measures</p>	
	<p>i.</p> <ul style="list-style-type: none"><li>• Metering and control of quantities of active ingredients to minimize waste.</li><li>• Reuse of byproducts from the process as raw materials or as raw material substitutes in other processes.</li><li>• Use of automated filling to minimize spillage.</li><li>• Use of “Close Feed” system into batch</li></ul>	<p><b>Complied.</b></p> <p>A. Metering is being done to monitor and control of active raw materials to minimize the waste. i.e. Flow meters are provided at MEG handling system</p> <p>B. Automatic filling / transfer system is being provided to minimize the spillage i.e. Chain conveyor system provided at PTA handling area and then stored in Silo and transferred to Schenck system to paste tank for plant.</p> <p>C. Reuse of byproducts / used oil / drums is being sent to authorized recyclers</p>

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		reactors. <ul style="list-style-type: none"><li>• Venting equipment through vapor recovery system.</li><li>• Use of high pressure hoses for equipment clearing to reduce wastewater generation.</li></ul>																						
	ii.	Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by GPCB.	<b>Complied.</b> Work zone monitoring is being carried out periodically through third party NABL Approved. Ambient Air Monitoring Reports are Attached as <b>ANNEXURE-VII.</b>																					
	iii.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.	<b>Complied.</b> We are ensuring that during transfer of materials, spillages are avoided. If not avoided drains are constructed to collect the spillage and transfer back to the process.																					
	iv.	The adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.	<b>Complied.</b> We have spent and made provision for adequate funds, both recurring and non-recurring to implement the conditions stipulated by the MoEF&CC as well as the State Government along with the implementation schedule for all conditions stipulated in the EC Order.  Adequate funds are allotted as below; <table border="1" data-bbox="678 1444 1417 1758"><thead><tr><th>EMP Activity</th><th>Capex Spent</th><th>Recurring Spent</th></tr></thead><tbody><tr><td>1. ETP Sludge Disposal</td><td>52 Lacs</td><td>28 Lacs</td></tr><tr><td>2. CETP Charges</td><td></td><td></td></tr><tr><td>3. Env Audit</td><td></td><td></td></tr><tr><td>4. Env Monitoring Charges</td><td></td><td></td></tr><tr><td>5. ETP Raw Material</td><td></td><td></td></tr><tr><td>6. APCM Upgradation</td><td></td><td></td></tr></tbody></table>	EMP Activity	Capex Spent	Recurring Spent	1. ETP Sludge Disposal	52 Lacs	28 Lacs	2. CETP Charges			3. Env Audit			4. Env Monitoring Charges			5. ETP Raw Material			6. APCM Upgradation		
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	v.	Occupational health surveillance of the workers shall be done on a regular	<b>Complied.</b> Health check-up of all workers is being done periodically and records are maintained as per Factories Act.																					

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	basis and records maintained as per the Factories Act.	Also we are having policy for Public Liability (Industrial Risks) Insurance. Please refer ANNEXURE-XI																																																
vi.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<b>Complied.</b> The company maintains firefighting preparedness procedures and have adequate fire fighting equipments like following; 1. Fire Hydrant 2. Fire Extinguishers 3. Sprinkler system in coal yard 4. OHC in plant premises PPE's to employee																																																
vii.	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.	<b>Complied.</b> Training imparted to all level employees & Complied. Routine periodical medical examinations for all employees are carried out on regular basis.																																																
viii.	Usage of PPEs by all employees/ workers shall be ensured.	<b>Complied.</b> Suitable PPEs have to be provided and application enforced. All the PPEs procured are of BIS approved products. Work place enforcement of wearing is done regularly. <table border="1" data-bbox="651 1377 1396 1948"><thead><tr><th>Sr.No.</th><th>PPEs</th><th>UOM</th><th>QTY.</th></tr></thead><tbody><tr><td>1</td><td>Self-Contained Breathing Apparatus- 10kg</td><td>Nos.</td><td>10</td></tr><tr><td>2</td><td>Full Face masks</td><td>Nos.</td><td>25</td></tr><tr><td>3</td><td>Trolley mounted oxygen cylinders</td><td>Nos.</td><td>5</td></tr><tr><td>4</td><td>Full body chemical protection suits</td><td>Nos.</td><td>10</td></tr><tr><td>5</td><td>Chemical splash proof goggles</td><td>Nos.</td><td>50</td></tr><tr><td>6</td><td>Aluminized firefighting suits</td><td>Nos.</td><td>10</td></tr><tr><td>7</td><td>25mm hose clips with screw clips</td><td>Nos.</td><td>10</td></tr><tr><td>8</td><td>Gum boots full length</td><td>Nos.</td><td>25</td></tr><tr><td>9</td><td>Leather hand gloves</td><td>Pair</td><td>50</td></tr><tr><td>10</td><td>Electrical hand gloves</td><td>Pair</td><td>5</td></tr><tr><td>11</td><td>Non permeable hand gloves</td><td>Nos.</td><td>25</td></tr></tbody></table>	Sr.No.	PPEs	UOM	QTY.	1	Self-Contained Breathing Apparatus- 10kg	Nos.	10	2	Full Face masks	Nos.	25	3	Trolley mounted oxygen cylinders	Nos.	5	4	Full body chemical protection suits	Nos.	10	5	Chemical splash proof goggles	Nos.	50	6	Aluminized firefighting suits	Nos.	10	7	25mm hose clips with screw clips	Nos.	10	8	Gum boots full length	Nos.	25	9	Leather hand gloves	Pair	50	10	Electrical hand gloves	Pair	5	11	Non permeable hand gloves	Nos.	25
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			12	Safety helmets	Nos.	50	
			13	Safety shoes sizes	Pair	60	
			14	Pick axes	Nos.	2	
			15	Shovels	Nos.	5	
			16	Rain coats full size	Nos.	10	
			17	Stretchers	Nos.	2	

	ix.	Permission to draw ground water shall be undertaken from the CGWB / State Ground Water Authority) as may be applicable to this case.	<b>Complied.</b> Permission to withdraw ground water is undertaken from CGWA for existing 1381 KL/day. We have also applied for obtaining CGWA permission for additional withdrawal from borewell. Please refer ANNEXURE-V.
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	x.	The company shall undertake rainwater harvesting measures to recharge the ground water as well as reduced consumption of water.	<b>Complied.</b> To conserve ground water as well as reduced consumption of water, rain water recharging is carried out to recharge ground water before its get evaporated. 3 Nos. of percolating recharge pits are provided for rain water recharging. 
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<b>B</b>	<b>GENERAL CONDITIONS:</b>		
1.	The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.	We are strictly agree, complying & will continue to comply with all stipulation made by GPCB as per CC&A No.86533 Dated:16/06/2017, Valid Till-3/7/2022.	
2.	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 measures required, if	We ensure that no further expansion or modification related to EC in the plant shall be carried out only after prior approval of Ministry.	

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant**

**By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva,**

**Taluka: Palsana, Dist: Surat., Gujarat**

	any.	
3.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>Noted&amp;Complied.</b> We assure that, at no time the emission level will go beyond the stipulated standards and or prescribed limits. In such cases / occurrence we will intimate to board & authority time to time. In event of failure of APCM, the unit shall not restart until the control measures are rectified to achieve the efficiency.
4.	The gaseous emissions (NO <sub>x</sub> , SO <sub>2</sub> and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO <sub>2</sub> , NO <sub>x</sub> and SPM shall be carried.	<b>Complied.</b> The gaseous emissions (NO <sub>x</sub> , SO <sub>2</sub> & SPM) and Particulate matter along with RSPM levels & stack monitoring for SO <sub>2</sub> , NO <sub>x</sub> & SPM from various units are monitored at regular interval for ensuring the compliance.  Ambient Air Monitoring Report is attached as ANNEXURE-VII & Stack Monitoring Report is attached as ANNEXURE-VI.
5.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.	<b>Noted &amp; Complied.</b> The location of AAQ are discussed & reviewed during the visits of GPCB and with the Environmental Auditors appointed by GPCB time to time & set up in the direction where max. GLC are anticipated. We will ensure that at least one station is in upwind & one in downwind.
6.	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.	<b>Not Applicable.</b> There is no process gas vents / stacks in the units.

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**Taluka: Palsana, Dist: Surat., Gujarat**

7.	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><b>Complied.</b></p> <p>The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Ambient noise levels are being monitored periodically. It is mandatory for workers to use PPE's such as ear plugs / ear muffs in high noise area.</p> <p>The ambient noise levels is under the standards prescribed under EPA, 1986 Rules, 1989 viz. 75 dBA (Day Time) and 70 dBA (Night Time).</p> <p>Equipment generating high noise are equipped with acoustic enclosures; regular maintenance, lubrication and vibration pads are assured for such sources. The result are stated as under;</p> <p>1) The emission reports describing the above parameters conforming that at no time emission level gone beyond the stipulated standards. The testing lab appointed is M/s. En-Vision Environmental Services, Surat as NABL Approved vide TC-5304, issue date-23/02/2019 and valid till-22/2/2021. (NABL Visit procedure is ongoing).</p> <p>Noise Monitoring Reports are Attached as <b>ANNEXURE-X</b>.</p>
8.	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	<p><b>Complied.</b></p>
9.	The company will undertake all relevant measures for improving the Socio economic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration	<p><b>Complied and ongoing.</b></p> <p>CSR activity given in <b>ANNEXURE- XII</b></p> <p>The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site.</p>
10.	The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p><b>Complied and ongoing.</b></p> <p>CSR activity given in <b>ANNEXURE- XII</b></p> <p>The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site.</p>
11.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities	<p><b>Complied.</b></p> <p>A separate Environment Management Cell is equipped along with internal lab. For All Environmental Monitoring we have appointed M/s. En-Vision</p>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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	shall be set up to carry out the Environmental Management and Monitoring functions.	Environmental Services, Surat as NABL Approved Lab vide TC-5304, issue date – 23/2/2019 and Valid Till-22/2/2021.(NABL Visit procedure is ongoing).						
12.	The project authorities shall earmark adequate funds 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 provided shall not be diverted for any other purpose.	<p><b>Complied.</b></p> <table border="1"><thead><tr><th>EMP Activity</th><th>Capex Spent</th><th>Recurring Spent</th></tr></thead><tbody><tr><td>7. ETP Sludge Disposal 8. CETP Charges 9. Env Audit 10. Env Monitoring Charges 11. ETP Raw Material 12. APCM Upgradation</td><td>52 lacs</td><td>28 lacs</td></tr></tbody></table>	EMP Activity	Capex Spent	Recurring Spent	7. ETP Sludge Disposal 8. CETP Charges 9. Env Audit 10. Env Monitoring Charges 11. ETP Raw Material 12. APCM Upgradation	52 lacs	28 lacs
EMP Activity	Capex Spent	Recurring Spent						
7. ETP Sludge Disposal 8. CETP Charges 9. Env Audit 10. Env Monitoring Charges 11. ETP Raw Material 12. APCM Upgradation	52 lacs	28 lacs						
13.	The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	<b>Complied.</b>						
14.	A copy of the clearance letter shall be sent by the 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.	<b>Complied.</b> We have obtained EC in 13 <sup>th</sup> April 2009 and its amendment obtain at 14 <sup>th</sup> December 2018 which is attached as <b>ANNEXURE-XVI &amp; XVII</b> and inform the public that the project has been accorded environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Gujarati and another in English. Paper advertisement is attached as <b>ANNEXURE-XIII</b> .						
15.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated E C conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.	<b>Complied.</b>						

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant**

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**Taluka: Palsana, Dist: Surat., Gujarat**

16.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB /Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.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.	<b>Complied.</b> We have obtain EC in 13 <sup>th</sup> April 2009 and its amendment obtain at 14 <sup>th</sup> December 2018, and inform the public that the project has been accorded environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Gujarati and another in English as per below details:  1. Gujarati news paper: 25/12/2018 2. English news paper : 24/12/2018
17.	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.	<b>Complied.</b>
18.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<b>Noted.</b>
19.	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	<b>Noted.</b>
20.	Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate	<b>Noted.</b>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva,**

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	Authority Act, 1997.	
21.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003/ 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	<b>Noted.</b>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**Project Status:- EC Was obtained dated:14.12.2018 for this proposed expansion &CCA is obtained Vide No. AWH-104837, Dated.14.11.2019 with validity up to:03/07/2022.**

<b>S. NO.</b>	<b>CONDITIONS</b>	<b>COMPLIANCE STATUS</b>
<b>A. CONDITIONS</b>		
<b>A. 1 SPECIFIC CONDITION</b>		
1.	Unit shall adopt proper methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (Prevention and Control of Pollution) act,1974 issued by CPCB regarding compliance of CETP.	<b>Complied.</b>  The Avg. domestic waste water generation is discharge through septic tank & soak pit. The generated industrial effluent is treated in ETP. For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge; however existing waste water which is treated in ETP will be sent to CETP (PEPL), Palsana. Please find attachment as <b>ANNEXURE-IX</b> .
2.	Unit shall not exceed waste water discharge quantity into CETP of M/s: PEPL as mentioned in the existing CC&A.	<b>Complied.</b>  For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge; however existing waste water which is treated in ETP will be sent to CETP (PEPL), Palsana. Please find attachment as <b>ANNEXURE-IX</b> .
3.	Unit shall comply the emission standards mentioned in the Notification by MoEF&CC vide no. 5.0. 3305 (E) dated07/12/2015 and amended time to time.	<b>Complied.</b>  Stack monitoring result are attached as <b>ANNEXURE-VI</b> .
4.	Unit shall use only imported coal as a fuel for proposed captive power plant and lignite shall be used only in unavoidable circumstance as per undertaking submitted. In such situation, lignite consumption shall not exceed 4900 MT/Monthconsidering 700 MT/Day X 7 days).	<b>Noted.</b>  We ensure that we will use Lignite if Imported coal is not available and also ensured that lignite consumption shall not exceed 4900 MT/Month considering 700 MT/Day X 7 days).
5.	Process Waste (Oligomer) (10 MT/Month) shall be sold out to the authorized actual users only,	<b>Will Be Complied.</b>
<b>A. 2 WATER:</b>		
6.	Total water requirement for the project shall not exceed 4307 KLD. Unit shall reuse 2555 KLD of waste water from ROPermeateand Boiler	<b>Water consumption is given in ANNEXURE-IV.</b>  For additional water requirement, application is made to CGWA which is under verification stage. Please find attachment as <b>ANNEXURE- V</b> .

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

	condensate for Cooling tower and Boiler respectively. Hence, fresh water requirement shall not exceed 1139 KLD and it shall be met through 3-Nos. of existing Bore well. Prior permission from the concerned authority shall be obtained for withdrawal of water.	
7.	No ground water shall be tapped for the project requirements without prior permission from the competent authority.	<b>Will be Complied.</b> Permission for withdrawing ground water is obtained from CGWA for 315 m <sup>3</sup> /Day. For additionally water requirement, application is made to CGWA which is under verification stage. Please refer <b>ANNEXURE-V.</b>
8.	Total industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed).	<b>Will be Complied.</b> The Avg. domestic waste water generation is discharge through septic tank & soak pit. For proposed expansion, complete treated water is reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge; however existing waste water which is treated in ETP will be sent to CETP (PEPL), Palsana. Waste water consumption given in <b>ANNEXURE-IV.</b>
9.	Unit shall continue to discharge 180 KLD of treated waste water to CETP-PEPL as per the existing CC&A. Ensure that there is no additional discharge to CETP.	<b>Noted &amp; Will be Complied.</b> We ensure that For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge; however existing waste water which is treated in ETP will be sent to CETP (PEPL), Palsana.
10.	Additional waste water to be generated from the proposed expansion shall not exceed 369 KLD and it shall be treated in proposed ETP followed by RO system (Cap.400 KLD) & MEE system (Cap. 150 KLD).	<b>Noted &amp; Will be Complied.</b> We ensure that For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge,
11.	RO permeate (240 KLD) and MEE condensate (127 KLD) shall be reused for cooling tower makeup.	<b>Noted &amp; Will be Complied.</b> We ensure that For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge,
12.	Wastewater generated from washing activity for existing facility (40 KLD) shall be sent to CETP after treatment in existing ETP. Waste water generated from proposed washing activity (79 KLD) will be treated in proposed ETP, MF/UF& 2-stage RO followed by 4-stage MEE and treated water will be reuse in	<b>Noted &amp; Will be Complied.</b> The waste water generations of last six months from October 2021 to March 2022 from the unit are attached as <b>ANNEXURE-IV.</b>

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**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

	cooling lower make up water.	
13.	Wastewater generated from existing utilities (Boiler - 26 KLD & Cooling -114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler - 178 KLD & Cooling - 112 KLD) will be treated in MF/UF & 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower makeup water	<b>Complied. Please refer Annexure – IV.</b>
14.	The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank	<b>Will be Complied.</b> The Avg. domestic waste water generation will be discharge through septic tank & soak pit.
15.	Proper logbooks of ETP, water consumption, power consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time	<b>Complied.</b>
16.	The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same	<b>Will be Complied.</b>
17.	Proper logbooks of ETP, RO, MEE system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	<b>Will be Complied.</b>
18.	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. /GIDC.	<b>Noted.</b>
<b>A. 3 AIR</b>		
19.	Unit shall not exceed fuel consumption for Steam Boiler and stand-by DG set as mentioned	Complied. Fuel consumption for Steam Boiler given in <b>ANNEXURE XIV.</b>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:****F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018****Period – OCTOBER 2021 TO MARCH 2022****Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

below:						
<b>Existing</b>						
Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions	Air Pollution Control Measures (APCM)
1	Steam boiler	11 Meters	WHRB		SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
2	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.)	20 m (Common)	Natural Gas	22440 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)				SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
4	Thermic Fluid Heater (Natural Gas Based/LDO) (10 Million Kcal/Hr.)				SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
5	Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Stand by)	35.0 m (Common)	LDO	100 m <sup>3</sup> /day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
6	Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.)	50.0 m	Coal	80 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator
7	Steam boiler (1 TPH)	11 m	Natural Gas	51500 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
8	* Natural Gas Based CPP Engines(3.25 MW)	30 m			SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
9	Steam Boiler (40 TPH) for Biomass (Agro waste/Baggase) & Coal (15% as auxiliary fuel) based Power Plant (9 MW) #	80.0 m	Baggase& 15% Coal	250 ton/day & 35 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator
<b>Proposed</b>						
Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
1	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) #	80.0 m	Imported Coal/Lignite	450 tons/day or 700 tons/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator
2	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) #					

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

	3	Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.)	50.0 m			SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator	
	4	Steam boiler (2 TPH)						
20.	Unit shall provide adequate APCM with flue gas generation sources as mentioned above:			<b>Complied.</b>				
21.	There shall be no process gas emission from existing as well as from the proposed project			<b>Noted.</b> We ensure that there will not be any process emission due to our production activity.				
22.	Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained.			<b>Will be Complied.</b>				
23.	A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through a reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (including bottom ash) shall be put in place.			<b>Noted &amp; Will Be Complied.</b>				
24.	A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam boiler. Mercury emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. 13 above regarding height of the Boiler slack.			<b>Will be Complied.</b>				
25.	High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of flue gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emission does not exceed the GPCB norms. The control system shall be designed and integrated in plan! DCS in such a way that if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 as amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets with the specified standards or boiler shall shut down totally.			<b>Will be Complied.</b>				
26.	Third party monitoring of the functioning o,			<b>Will be Complied.</b>				

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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	the ESP along with its efficiency shall be carried out once in a year through a reputed institute / organization.	
27.	Lime stone injection technology shall be adopted to control SO <sub>2</sub> and it shall be ensured that SO <sub>2</sub> levels in the ambient air do not exceed the prescribed standards.	<b>Will be Complied.</b>
28.	The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts of ESPs and assign responsibility of preventive maintenance to the senior officer of the company.	<b>Will be Complied.</b>
29.	Measures shall be taken to reduce the process vapors emissions as far as possible.	<b>Complied.</b> We ensure that there will not be any process emission due to our production activity.
30.	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of industrial Safety & Health) Following indicative guidelines shall also be followed to reduce the fugitive emission.	<b>Will be Complied.</b> Work zone monitoring is being carried out periodically through third party NABL Approved. Ambient Air Monitoring Reports are Attached As <b>ANNEXURE-VII. Same will be conducted for proposed expansion.</b>
31.	Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.	<b>Complied.</b>
32.	Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.	<b>Will be Complied.</b>
33.	A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.	<b>Will be Complied.</b> We ensure that proposed expansion has been carried out on land area of <b>10577 m<sup>2</sup></b> . And Approx. 33% of it is greenbelt i.e. <b>3500 sq.meter</b> has been developed additionally.
34.	Regular monitoring of Volatile Organic Compounds (VOCS) shall be carried out in the work zone area and ambient air	<b>Complied.</b>
35.	For control of fugitive emission, VOCS, following steps shall be followed :	<b>Noted.</b>
36.	Closed handling and charging system shall be provided for chemicals.	<b>Complied.</b>
37.	Pumps shall be provided with mechanical seals to prevent leakages.	Complied. We have provided Pumps with mechanical seal to avoid any type of leakages.
38.	Airborne dust at all transfers operations/points shall be controlled either by spraying water or providing enclosures	Sprinkling has been done on regular interval for control of Airborne dust.
39.	Regular monitoring of ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> & VOC shall be carried out in the impact zone	<b>Complied.</b> The gaseous emissions (NO <sub>x</sub> , SO <sub>2</sub> & SPM) and Particulate matter along with RSPM levels & stack

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**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

	and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	monitoring for SO <sub>2</sub> , NO <sub>x</sub> & SPM from various units are monitored at regular interval for ensuring the compliance. Same will be continued in future also for proposed expansion. Air Monitoring Report are attached as ANNEXURE-VII& Stack Monitoring Report are attached as ANNEXURE-VI.
<b>A. 4 SOLID / HAZAROOUS WASTE</b>		
40.	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016,as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage /disposal of hazardous wastes.	<b>Complied.</b> We ensured that generated hazardous waste is& will be disposed off as per HWM rules, 2016.
41.	Hazardous wastes shall be dried, packed and stored in separate designable hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<b>Complied.</b>
42.	Hazardous / Solid waste management shall be as below:	<b>Noted</b>

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Sr. no.	Type/Name of Hazardous waste	Source of generation	Category and Schedule as per HW Rules.	Quantity (MT/Annum)			Disposal Method
				Existing	Proposed	Total	
1	Used Oil	Maintenance	5.1	1.0 KI/Year	2.0 KI/Year	3.0 KI/Year	Sent To GPCB Approved Recycler For Suitable Treatment
2	Discarded Containers/ Barrels/Liners / Carboys/ Bags/ Plastic waste	Raw Material / Production	33.1	10 Tons /Year	15 Tons/Year	25 Tons/Year	Sent Back to Supplier/ To GPCB approved Recycler
3	Chemical Sludge from ETP	ETP	35.3	25.0 Tons/Year	50.0 Tons/Year	75.0 Tons/Year	Collection, storage Transportation, Disposal at TSDF site( NECL, Nandesari Baroda)
4	Process Waste (Oligomer)	Process	24.1	Nil	300.0 Tons/Year	300.0 Tons/Year	Collection, storage Transportation, Disposal at TSDF site( NECL, Nandesari Baroda)
5	Fly Ash from Boiler	Boiler	--	Nil	24000 Tons/Year	24000 Tons/Year	Sent To authorized Brick Manufacturer
43.	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016		Noted.				
44.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.		<b>Complied.</b>	TSDF Membership attached as <b>ANNEXURE-IX.</b>			
45.	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.		<b>Complied.</b>				
46.	The design of the Trucks/tankers shall be such that there is no spillage during transportation		<b>Complied.</b>				
47.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to		<b>Noted.</b>				

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	disposal into TSDF/CHWIF.	
48.	Management of fly ash (if any) shall be as per the Fly ash Notification 200g & its amendment time to lime and it shall be sure that there is 100% utilization of fly ash to be generated from the unit.	<b>Complied.</b>
<b>A. 5 SAFETY</b>		
49.	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<b>Complied.&amp; Will be Complied for Proposed Expansion</b>
50.	Project specific process Safety Management System shall be developed as per the prevailing norms and it shall be implemented in letter and spirit.	<b>Complied&amp; Will be Complied for Proposed Expansion</b>
51.	Unit shall adopt automization system along with high safety measures for polymerization process.	<b>Complied&amp; Will be Complied for Proposed Expansion</b>
52.	The project authorities shall strictly comply with the provisions made in Manufacture. Storage and import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	<b>Complied&amp; Will be Complied for Proposed Expansion</b>
53.	First Aid Box shall be made readily available in adequate quantity at all the times.	<b>Complied&amp; Will be Complied for Proposed Expansion</b>
54.	Main entry and exit shall be separate and clearly marked in the facility.	<b>Complied&amp; Will be Complied for Proposed Expansion</b>
55.	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle	<b>Complied&amp; Will be Complied for Proposed Expansion</b>

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	around the premises.	
56.	Storage of flammable chemicals shall be sufficiently away from the production area	<b>Complied.</b>
57.	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b>Complied.</b>
58.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic /hazardous chemicals.	<b>Complied.</b>
59.	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion acclivities.	<b>NA. No any toxic material is handled.</b>
60.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied.</b>
61.	Flame proof electrical fittings shall be provided in flame proof zones or wherever applicable in Plant premises	<b>Complied.</b>
62.	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	<b>Complied.</b>
63.	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<b>Complied.</b>
64.	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs	<b>Complied.</b>
65.	Tie up shall be done with nearby health care unit / doctor for	<b>Noted.</b>

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	seeking immediate medical attention in the case of emergency.																																																																									
66.	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised	<p><b>Complied.</b> Suitable PPEs have to be provided and application enforced. All the PPEs procured are of BIS approved products. Work place enforcement of wearing is done regularly.</p> <table border="1"><thead><tr><th>S.No</th><th>PPEs</th><th>UOM</th><th>QTY</th></tr></thead><tbody><tr><td>1</td><td>Self contained Breathing Apparatus- 10kg</td><td>Nos.</td><td>10</td></tr><tr><td>2</td><td>Full Face masks</td><td>Nos.</td><td>25</td></tr><tr><td>3</td><td>Trolley mounted oxygen cylinders</td><td>Nos.</td><td>5</td></tr><tr><td>4</td><td>Full body chemical protection suits</td><td>Nos.</td><td>10</td></tr><tr><td>5</td><td>Chemical splash proof goggles</td><td>Nos.</td><td>50</td></tr><tr><td>6</td><td>Aluminized fire fighting suits</td><td>Nos.</td><td>10</td></tr><tr><td>7</td><td>25mm hose clips with screw clips</td><td>Nos.</td><td>10</td></tr><tr><td>8</td><td>Gum boots full length</td><td>Nos.</td><td>25</td></tr><tr><td>9</td><td>Leather hand gloves</td><td>Pair</td><td>50</td></tr><tr><td>10</td><td>Electrical hand gloves</td><td>Pair</td><td>5</td></tr><tr><td>11</td><td>Non permeable hand gloves</td><td>Nos.</td><td>25</td></tr><tr><td>12</td><td>Safety helmets</td><td>Nos.</td><td>50</td></tr><tr><td>13</td><td>Safety shoes sizes</td><td>Pair</td><td>60</td></tr><tr><td>14</td><td>Pick axles</td><td>Nos.</td><td>2</td></tr><tr><td>15</td><td>Shovels</td><td>Nos.</td><td>5</td></tr><tr><td>16</td><td>Rain coats full size</td><td>Nos.</td><td>10</td></tr><tr><td>17</td><td>Stretchers</td><td>Nos.</td><td>2</td></tr></tbody></table>	S.No	PPEs	UOM	QTY	1	Self contained Breathing Apparatus- 10kg	Nos.	10	2	Full Face masks	Nos.	25	3	Trolley mounted oxygen cylinders	Nos.	5	4	Full body chemical protection suits	Nos.	10	5	Chemical splash proof goggles	Nos.	50	6	Aluminized fire fighting suits	Nos.	10	7	25mm hose clips with screw clips	Nos.	10	8	Gum boots full length	Nos.	25	9	Leather hand gloves	Pair	50	10	Electrical hand gloves	Pair	5	11	Non permeable hand gloves	Nos.	25	12	Safety helmets	Nos.	50	13	Safety shoes sizes	Pair	60	14	Pick axles	Nos.	2	15	Shovels	Nos.	5	16	Rain coats full size	Nos.	10	17	Stretchers	Nos.	2
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67.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b>Complied.</b>																																																																								
68.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling	<b>Complied.</b> Training imparted to all level employees &Complied. Routine periodical medical examinations for all employees are carried out on regular basis.																																																																								
69.	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	Health check-up of all workers is being done periodically and records are maintained as per Factories Act.																																																																								

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70.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	<b>Complied.</b>
71.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	
72.	Necessary permissions from various statutory authorities like PESO, Factory inspectorate and others shall be obtained prior to commissioning of the project.	
<b>A. 6. NOISE</b>		
73.	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act,1986 & Rules.	<b>Complied.</b> The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Ambient noise levels are being monitored periodically. It is mandatory for workers to use PPE's such as ear plugs / ear muffs in high noise area. The ambient noise levels is under the standards prescribed under EPA, 1986 Rules, 1989 viz. 75 dBA (Day Time) and 70 dBA (Night Time). Equipment generating high noise are equipped with acoustic enclosures; regular maintenance, lubrication and vibration pads are assured for such sources. The results are attached as Noise Monitoring Reports in ANNEXURE- X.
<b>A. 7. CLEANER PRODUCTION AND WASTE MINIMISATION</b>		
74.	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	<b>Complied.</b>
75.	The company shall undertake various waste minimization measures such as	<b>Complied.</b>
76.	Metering and control of quantities of active ingredients to minimize waste.	
77.	Reuse of by-products from the process as raw materials or as raw materials substitutes	Automatic filling / transfer system is being provided to minimize the spillage i.e. Chain conveyor system provided at PTA handling area and then stored in Silo and transferred to schenck system to paste tank for plant.
78.	Use of automated and close filling to minimize spillages.	Reuse of byproducts / used oil / drums is being sent to authorized recyclers

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79.	Use of close feed system into batch reactors.	<b>Complied.</b>
80.	Venting equipment through vapor recovery system.	
81.	use of high pressure hoses for cleaning to reduce wastewater generation	
82.	Recycling of washes to subsequent batches.	
83.	Recycling of steam condensate	
84.	Sweeping / mopping of floor instead of floor washing lo avoid effluent generation	
85.	Regular preventive maintenance for avoiding leakage, spillage etc'	
<b>A. 8 GREENBELT AND OTHER PLANTATION</b>		
86.	The unit shall develop green belt within premises as per the CPCB guidelines However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.	We ensure that proposed expansion is carried on land area of <b>10577</b> m2. And Approx. 33% of it is greenbelt i.e. <b>3500 sq. meter</b> has been developed additionally.
87.	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	<b>Complied.</b>
<b>B. OTHER CONDITIONS</b>		
88.	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB	<b>Complied.</b> be The gaseous emissions (NOx, SO2 & SPM) and Particulate matter along with RSPM levels & stack monitoring for SO2, NOx & SPM from various units are monitored at regular interval for ensuring the compliance. Stack monitoring is being carried out periodically through third party NABL Approved. Stack Monitoring Report are attached as <b>ANNEXURE-VI.</b>

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	every year along with half yearly compliance report	
89.	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-652017-1A.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector The monitoring report shall be posted on the website of the project proponent.	<b>Complied.</b>  For community welfare measures and CSR activity adequate funds allotted. The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site.
90.	All the recommendations, mitigation measures, environmental protection measures and Safeguards proposed in the EIA report of the project prepared by M/s. Envision Enviro Technologies Pvt. Ltd., Surat was submitted by project proponent vide letter no. NIL dated 03/07/2018 and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	<b>Noted.</b>
91.	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pretreatment must be done to remove suspended matter	<b>Complied.</b>  To conserve ground water as well as reduced consumption of water, rain water recharging is carried out to recharge ground water before its get evaporated. 3 Nos. of percolating recharge pits are provided for rain water recharging.
92.	The unit shall join and participate financially and technically for any common	<b>Noted.</b>

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	environmental facility / infrastructure as and when the same is taken up either by the industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	
93.	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting, in addition the provision for solar water heating system shall also be provided.	<b>Noted.</b>
94.	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose	We ensure that area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose
95.	All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	<b>Noted.</b>
96.	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	<b>Complied.</b>
97.	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	We assure that, at no time the emission level will go beyond the stipulated standards and or prescribed limits. In such cases / occurrence we will intimate to board & authority time to time. In event of failure of APCM, the unit shall not restart until the control measures are rectified to achieve the efficiency.
98.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB).State Government and any statutory authority.	We are strictly agree, complying & will continue to comply with all stipulation made by GPCB as per CC&A No. AWH - 104837 Dated:14/11/2019, Valid Till-3/7/2022.
99.	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental	<b>Complied.</b> We are ensuring that during transfer of materials, spillages are avoided. If not avoided drains are constructed to collect the spillage and transfer back to the process.

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	spillages with domestic wastewater or storm water.	
100.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<b>Complied.</b>
101.	Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly	<b>Complied.</b>
102.	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	We ensure that no further expansion or modification related to EC in the plant shall be carried out only after prior approval of Ministry.
103.	The above conditions will be enforced. Inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, '1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability insurance Ad, 1991 along with their amendments and rules.	<b>Noted.</b>
104.	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014 and its amendments from time to time in a letter and spirit.	<b>Complied.</b>
105.	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	<b>Complied.</b>

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106.	<p>The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.</p>	<p><b>Complied.</b> For community welfare measures and CSR activity adequate funds allotted. The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site.</p>
107.	<p>The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p><b>Noted.</b> We have obtain EC in year 2009 and its amendment obtain at 14<sup>th</sup> December 2018, and inform the public that the project has been accorded environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Gujarati and another in English Paper advertisements are attached as <b>ANNEXURE- XIII.</b> 1. Gujaratinews paper: 25/12/2018 2. English news paper : 25/12/2018</p>
108.	<p>The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.</p>	<p><b>Complied.</b></p>
109.	<p>It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority consumed, on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.</p>	<p><b>Complied.</b></p>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

110.	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.	<b>Noted.</b>
111.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board	We are strictly agree, complying & will continue to comply with all stipulation made by GPCB as per CC&A No.86533 Dated: 16/06/2017, Valid Till-3/7/2022.
112.	The SEIAA may revoke or suspend the clearance. if implementation of any of the above conditions is not found satisfactory.	<b>Noted.</b>
113.	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	<b>Noted.</b>
114.	The protect authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the condemned authorities and the date of start of the project.	<b>Noted.</b>
115.	This environmental clearance is valid for seven years from the date of issue	<b>Noted.</b>
116.	Any appeal against this environmental clearance shall lie 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.	<b>Noted.</b>
117.	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance	<b>Noted.</b>

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	cancelled.	
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**LIST OF ANNEXURES**

<b>ANNEXURES</b>	<b>PARTICULARS</b>
<b>ANNEXURE I(A)</b>	COPY OF ENVIRONMENTAL CLEARANCE
<b>ANNEXURE I(B)</b>	COPY OF LAST VALID CONSENT
<b>ANNEXURE II</b>	PRODUCTION DETAILS FOR LAST SIX MONTHS
<b>ANNEXURE III</b>	ETP-RAW AND TREATED WATER ANALYSIS REPORT AND ETP SLUDGE ANALYSIS REPORT
<b>ANNEXURE IV</b>	FRESH WATER CONSUMPTION AND EFFLUENT GENERATION FOR LAST SIX MONTHS
<b>ANNEXURE V</b>	CGWA NOC COPY
<b>ANNEXURE VI</b>	STACK MONITORING REPORTS
<b>ANNEXURE VII</b>	ANALYSIS REPORT OF WORKPLACE AIR MONITORING
<b>ANNEXURE VIII</b>	HAZARDOUS WASTE GENERATION IN LAST SIX MONTHS
<b>ANNEXURE IX</b>	MEMBERSHIP CERTIFICATE WITH TSDF
<b>ANNEXURE X</b>	NOISE MONITORING REPORT
<b>ANNEXURE XI</b>	INDUSTRIAL RISK LIABILITY (INSURANCE POLICY)
<b>ANNEXURE XII</b>	CSR ACTIVITY DETAIL
<b>ANNEXURE XIII</b>	PAPER ADVERTISEMENT
<b>ANNEXURE XIV</b>	FUEL CONSUMPTION
<b>ANNEXURE XV</b>	NOC COPY OF PROPOSED EXPANSION
<b>ANNEXURE XVI</b>	EC COPY 2009
<b>ANNEXURE XVII</b>	EC COPY 2018

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**ANNEXURE-I(A)**

**S. M. SAIYAD, IFS  
MEMBER SECRETARY  
SEIAA (GUJARAT)**



**STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT**

Government of Gujarat

**No. SEIAA/GUJ/EC/5(d)&1(d)/1346/2018**

**Date: 14 DEC 2018** By R P A D  
Time Limit

Sub: Environment Clearance to M/s. Shree Durga Syntex Pvt Ltd. for setting up expansion of Manmade Fibre manufacturing plant and CPP at Plot No. E & Z, Block No 128, 129, 130 & 175, Vill. Jolwa, Ta.: Palsana, Dist: Surat. In Category 5(d)&1(d) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2/18454/2017.

Dear Sir,

This has reference to your application along with Form-I dated 14/07/2018 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006 and additional information / documents submitted vide letter dated 19/09/2018 to the SEAC.

The proposal is for Environmental Clearance to M/s. Shree Durga Syntex Pvt Ltd. for setting up expansion of Manmade Fibre manufacturing plant and CPP at Plot No. E & Z, Block No 128, 129, 130 & 175, Vill. Jolwa, Ta.: Palsana, Dist: Surat. It is an existing unit for manufacturing following products, which falls in the category - 5(d)&1(d) of the schedule of the EIA Notification-2006:

Sr. no.	Name of the Products	CAS no. / CI no.	Quantity			End-use of the products
			Existing	Proposed	Total	
1	Polyester Chips	-	600 Tons/day	200 Tons/day	800 Tons/day	POY/FDY/ Making Fabric
2	Fully Drawn Yarn (FDY)	-	300 Tons/day	200 Tons/day	500 Tons/day	Making Fabric
3	Partially Oriented Yarn (POY)/ Texturised Yarn	-	--	300 Tons/day	300 Tons/day	Making Fabric
4	Nylon- 6 Chips/ Nylon Yarn	-	--	200 Tons/day	200 Tons/day	Making Fabric
5	Power	-	3.25 MW (Natural Gas Based) 9.0 MW (Biomass (Agro waste/baggase) & Coal (15% as auxiliary fuel) based Captive power plant)	21.0 MW (Coal/ Lignite Based) Captive power Plant	33.25 MW	Power Generation
<b>By-Product</b>						
6	Nylon Polymer Lumps	-	--	1.0 Tons/day	1.0 Tons/day	

The project activity is covered in 5(d)&1(d) and is of 'B' Category. Public hearing was conducted on 22/02/2018.

The SEAC, Gujarat vide their letter dated 22/11/2018 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 16/10/2018. The proposal was considered by SEIAA, Gujarat in its meeting held on 28/11/2018 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to the compliance of the following conditions.

**A. CONDITIONS:**

**A.1 SPECIFIC CONDITION:**

1. Unit shall adopt proper methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (Prevention and Control of Pollution) act, 1974 issued by CPCB regarding compliance of CETP.
2. Unit shall not exceed waste water discharge quantity into CETP of M/s. PEPL as mentioned in the existing CC&A.

Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Phone No.:- (079) 232-32152,232-41514 Fax No.:- (079) 232-22784

E-mail : [msseiaagj@gmail.com](mailto:msseiaagj@gmail.com), Website:- [www.seiaa.gujarat.gov.in](http://www.seiaa.gujarat.gov.in)

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3. Unit shall comply the emission standards mentioned in the Notification by MoEF&CC vide no. S.O. 3305 (E) dated 07/12/2015 and amended time to time.
4. Unit shall use only imported coal as a fuel for proposed captive power plant and lignite shall be used only in unavoidable circumstance as per undertaking submitted. In such situation, lignite consumption shall not exceed 4900 MT/Month considering 700 MT/Day X 7 days).
5. Process Waste (Oligomer) (10 MT/Month) shall be sold out to the authorized actual users only.

**A. 2 WATER :**

6. Total water requirement for the project shall not exceed 4307 KLD. Unit shall reuse 2555 KLD of waste water from RO Permeate and Boiler condensate for Cooling tower and Boiler respectively. Hence, fresh water requirement shall not exceed 1139 KLD and it shall be met through 3-Nos. of existing Bore well. Prior permission from the concerned authority shall be obtained for withdrawal of water.
7. No ground water shall be tapped for the project requirements without prior permission from the competent authority.
8. Total Industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed).
9. Unit shall continue to discharge 180 KLD of treated waste water to CETP-PEPL as per the existing CC&A. Ensure that there is no additional discharge to CETP.
10. Additional waste water to be generated from the proposed expansion shall not exceed 369 KLD and it shall be treated in proposed ETP followed by RO system (Cap. 400 KLD) & MEE system (Cap. 150 KLD).
11. RO permeate (240 KLD) and MEE condensate (127 KLD) shall be reused for cooling tower makeup.
12. Wastewater generated from washing activity for existing facility (40 KLD) shall be sent to CETP after treatment in existing ETP. Waste water generated from proposed washing activity (79 KLD) will be treated in proposed ETP, MF/UF & 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower make up water.
13. Wastewater generated from existing utilities (Boiler – 26 KLD & Cooling – 114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler – 178 KLD & Cooling – 112 KLD) will be treated in MF/UF & 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower make up water.
14. The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in to the soak pit/septic tank.
15. Proper logbooks of ETP, water consumption, power consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time.
16. The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintain records for the same.
17. Proper logbooks of ETP, RO, MEE system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.
18. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

**A. 3 AIR:**

19. Unit shall not exceed fuel consumption for Steam Boiler and stand-by DG set as mentioned below:

Existing						
Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions	Air Pollution Control Measures (APCM)
1	Steam boiler	11 m	WHRB		SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
2	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.)	20 m (Common)	Natural Gas	22440 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)				SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
4	Thermic Fluid Heater (Natural Gas Based/LDO) (10 Million Kcal/Hr.)	35.0 m (Common)			SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height

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5	Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Stand by)		LDO	100 m <sup>3</sup> /day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
6	Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.)	50.0 m	Coal	80 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator
7	Steam boiler (1 TPH)	11 m	Natural Gas	51500 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
8	* Natural Gas Based CPP Engines(3.25 MW)	30 m				Adequate Stack height
9	Steam Boiler (40 TPH) for Biomass (Agrowaste/baggase) & Coal (15% as auxiliary fuel) based Power Plant (9 MW) #	80.0 m	Bagasse & 15% Coal	250 ton/day & 35 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator

**Proposed**

Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
1	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) #	80.0 m	Imported Coal/Lignite	450 tons/day or 700 tons/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator
2	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) #					
3	Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.)	50.0 m			SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator (ESP)
4	Steam boiler (2 TPH)					



20. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:
21. There shall be no process gas emission from existing as well as from the proposed project.
22. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained.
23. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through a reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (including bottom ash) shall be put in place.
24. A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam Boiler. Mercury emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. 13 above regarding height of the Boiler stack.
25. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of flue gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emission does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way that if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 as amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets with the specified standards or boiler shall shut down totally.
26. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through a reputed institute / organization.
27. Lime stone injection technology shall be adopted to control SO<sub>2</sub> and it shall be ensured that SO<sub>2</sub> levels in the ambient air do not exceed the prescribed standards.
28. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts of ESPs and assign responsibility of preventive maintenance to the senior officer of the company.
29. Measures shall be taken to reduce the process vapors emissions as far as possible.
30. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.
31. Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular

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movement.

32. Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
33. A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.
34. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
35. For control of fugitive emission, VOCs, following steps shall be followed :
36. Closed handling and charging system shall be provided for chemicals.
37. Pumps shall be provided with mechanical seals to prevent leakages.
38. Airborne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.
39. Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx & VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

**A. 4 SOLID / HAZARDOUS WASTE:**

40. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
41. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
42. Hazardous / Solid waste management shall be as below:

Sr. no.	Type of Hazardous waste	Source of generation	Category per HW Rules.	Quantity (MT/Annum)			Disposal Method
				Existing	Proposed	Total	
1	Used Oil	Maintenance	5.1	1.0 KI/Year	2.0 KI/Year	3.0 KI/Year	Sent To GPCB Approved Recycler For Suitable Treatment
2	Discarded Containers/ Barrels/Liners/ Carboys/ Bags/ Plastic waste	Raw Material / Production	33.1	10 Tons /Year	15 Tons/Year	25 Tons/Year	Sent Back to Supplier/ To GPCB approved Recycler
3	Chemical Sludge from ETP	ETP	35.3	25.0 Tons/Year	50.0 Tons/Year	75.0 Tons/Year	Collection, Storage Transportation, Disposal at TSDF site (NECL, Nandesari, Baroda)
4	Process Waste (Oligomer)	Process	24.1	Nil	300.0 Tons/Year	300.0 Tons/Year	Collection, Storage Transportation, Disposal at TSDF site (NECL, Nandesari, Baroda)
5	Fly Ash from Boiler	Boiler	--	Nil	24000 Tons/Year	24000 Tons/Year	Sent To authorized Brick Manufacturer

43. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 201
44. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.
45. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
46. The design of the Trucks/tankers shall be such that there is no spillage during transportation
47. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
48. Management of fly ash (if any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.

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**A. 5 SAFETY:**

49. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.
50. Project specific process Safety Management System shall be developed as per the prevailing norms and it shall be implemented in letter and spirit.
51. Unit shall adopt automatization system along with high safety measures for polymerization process.
52. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
53. First Aid Box shall be made readily available in adequate quantity at all the times.
54. Main entry and exit shall be separate and clearly marked in the facility.
55. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
56. Storage of flammable chemicals shall be sufficiently away from the production area.
57. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
58. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
59. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
60. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.  
Flame proof electrical fittings shall be provided in flame proof zones or wherever applicable in Plant premises
61. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.  
All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
64. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
65. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
66. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
67. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
68. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
69. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
70. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
71. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
72. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

**A. 6 NOISE:**

73. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

**A. 7 CLEANER PRODUCTION AND WASTE MINIMISATION:**

74. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
75. The company shall undertake various waste minimization measures such as :
  76. Metering and control of quantities of active ingredients to minimize waste.
  77. Reuse of by-products from the process as raw materials or as raw materials substitutes.
  78. Use of automated and close filling to minimize spillages.
  79. Use of close feed system into batch reactors.
  80. Venting equipment through vapour recovery system.
  81. Use of high pressure hoses for cleaning to reduce wastewater generation.
  82. Recycling of washes to subsequent batches.
  83. Recycling of steam condensate

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84. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.

85. Regular preventive maintenance for avoiding leakage, spillage etc.

**A. 8 GREEN BELT AND OTHER PLANTATION:**

86. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.

87. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

**B. OTHER CONDITIONS:**

88. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.

89. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.

90. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s: Envision Enviro Technologies Pvt. Ltd., Surat was submitted by project proponent vide letter no. NIL dated 03/07/2018 and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.

91. Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.

92. The unit shall join and participate financially and technically for any common environmental facility / infrastructure and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

93. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.

94. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.

95. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.

96. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.

97. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.

98. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.

99. During material transfer there shall be no spillages and gariand drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.

100. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.

101. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.

102. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.

103. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

104. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.

105. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.

106. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

107. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
108. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
109. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
110. 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.
111. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
112. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
113. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.
114. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
115. This environmental clearance is valid for seven years from the date of issue.
116. Any appeal against this environmental clearance shall lie 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.
117. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.



With regards,  
Yours sincerely,

(S. M. SAIYAD)  
Member Secretary

**Issued to:**  
**M/s. Shree Durga Syntex Pvt Ltd.**  
**Plot No. E & Z, Block No 128, 129, 130 & 175,**  
**Vill. Jolwa, Ta.: Palsana, Dist: Surat**

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**ANNEXURE-I(B)**



**GUJARAT POLLUTION CONTROL BOARD**

**PARYAVARAN BHAVAN**

**Sector-10-A, Gandhinagar 382 010**

**Phone : (079) 23222425**

**(079) 23232152**

**Fax : (079) 23232156**

**Website : www.gpcb.gov.in**

**CCA-Amendment**  
**(No. AWH-104837)**

**NO: GPCB/CCA-SRT-995/ID-21289/**

**Date:**

**TO,**

**M/s. Shree Durga Syntex Pvt. Ltd.**

**Plot No: Z & E, Block No: 128, 129, 130 & 175,**

**Vill: Jolva-394305,**

**Tal: Palsana, Dist: Surat.**

**SUB: Amendment in the consolidated consent & Authorization of the Board.**

**REF: 1) CCA order No: - AWH-86533, Dated-16/06/2017 under various Environmental Acts/Rules.**

**2) This office CTE-amendment order no:- GPCB/CCA-SRT-995/ID-21289/46038. Dtd:- 05/07/2018.**

**3) Your CCA Amendment Application Inward ID No.165905 dated 08-10-2019.**

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under under rule 6(2) of the Hazardous And Other Waste (Management and Transboundary) Rules, 2016 & framed under the Environment (Protection) Act-1986, The Board has granted CCA vide order No. AWH-86533 issued vide this office letter no: GPCB/CCA-SRT-995/ID-21289/418487 dated 25/07/2017, valid up to 03/07/2022.

The Board has right to review and amend the conditions of the said CCA order.

The said CCA order is further amended as below.

1. This order shall be read as CCA-Amendment Order No. AWH-104837 date of issued 26-10-2019 valid up to 03/07/2022.

2. The condition No-2 of the said CCA order is amended as below

2. The consents shall be valid up to 03/07/2022 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity as per CCA dated:25/07/2017	Quantity as per CTE-Amendment dated:- 05/07/2018	Total Quantity after CCA Amendment
1	Fully Drawn Yarn	300 Tons/Day	200 Tons/Day	500 Tons/Day
2	Grey Cloth	2,50,000 Meters/Day	----	2,50,000 Meters/Day

**M/s. Shree Durga Syntex Pvt. Ltd.**

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**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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3	Polyester Chips	600 Tons/Day	200 Tons/Day	800 Tons/Day
4	Power	3.25 MW 9.0 MW (Bagasse/gas based CPP)	----	3.25 MW 9.0 MW (Bagasse/gas based CPP)
5	Power	----	21.0 MW (Coal/Lignite Based CPP)	21.0 MW (Coal/Lignite Based CPP)
6	Partially Oriented Yarn/Texturised Yarn	----	300 Tons/Day	300 Tons/Day
7	Nylon-6 Chips/Nylon Yarn	----	200 Tons/Day	200 Tons/Day

**Subject to specific condition:**

1. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
  2. As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'.
  3. Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water.
  4. Industry shall provide dedicated storage facility for fly ash.
  5. Industry shall comply with fly ash notification 1999 as amended from time to time.
3. The condition No-3 of the said CCA order is amended as below:
- 3.1. **CONDITIONS UNDER WATER ACT, 1974:**
  - 3.1.1. Source of water: Borewell.
  - 3.2. The quantity of the fresh water consumption for industrial purpose, after CCA-Amendment, shall be increased from 774 KL/Day to 1084 KL/Day.
  - 3.3. The quantity of the water consumption for domestic purpose, after CCA-Amendment, shall be increased from 25 KL/Day to 30 KL/Day.
  - 3.4. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations, after CCA-Amendment, shall be increased from 180 KL/Day to 549 KL/Day. (Total Booked load in CETP: 700 KL/Day)
  - 3.5. Industrial effluent, after necessary treatment shall be reused up to (367 KL/Day) & remaining shall be sent to CETP for further treatment. In no case industrial discharge of CETP shall increase 420 KL/Day.
  - 3.6. Industry shall provide fixed pipeline with flow meter for the reuse of effluent and maintain its records.
  - 3.7. The quantity of the domestic waste water (Sewage), after CCA-Amendment, shall be increased from 22 KL/Day to 26 KL/Day.

M/s. Shree Durga Syntex Pvt. Ltd.

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**GPCB**

**GUJARAT POLLUTION CONTROL BOARD**

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- 3.8. Industrial effluent, after necessary treatment shall be reused up to maximum extent & remaining shall be sent to CETP for further treatment.
- 3.9. Industry shall provide fixed pipeline with flow meter for the reuse of effluent and maintain its records.
- 3.10. Domestic effluent shall be treated in ETP (industrial).
- 3.11. The applicant shall operate effluent treatment system efficiently so that effluent from the industrial unit shall conform to the CETP inlet norms mentioned below however the final discharge of treated effluent from CETP shall adhere to the prescribed standards for CETP of M/s. Palsana Enviro Protection Ltd(PEPL).

PARAMETERS	CETP INLET NORMS
PH	6.5 TO 8.5
Temperature	40 <sup>o</sup> C
Colour (pt.co.scale) in units	100 units
Suspended Solids	300 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20 <sup>o</sup> C)	400 mg/l
COD	1000 mg/l
Total Dissolved Solids	2100 mg/l

- 3.12. The final treated effluent conforming to the above standards shall be fully conveyed into CETP of M/s. Palsana Enviro Protection Ltd(PEPL). through underground drainage system of PEPL & in no case effluent shall be discharged in to Environment by any means.
- 3.13. In case of failure of CETP, applicant shall have to treat the trade effluent of their unit fully so as to achieve the quality of the treated effluent from their industrial premises as per the GPCB norms mentioned below:-

PARAMETERS	GPCB NORMS
PH	6.5 TO 8.5
Temperature	40 <sup>o</sup> C
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2.0 mg/l

**M/s. Shree Durga Syntex Pvt. Ltd.**

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Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20°C)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l

**OR**

The applicant shall either stop or curtail its production activities if the effluent is not adequately treated by the CETP of PEPL to conform to the standards specified by G.P.C.B.

- 3.12. The applicant shall be responsible for conveyance of entire treated effluent to the CETP of M/s. PEPL & due care shall be taken to avoid any leakage or spillage of effluent during conveyance of treated effluent through drain.
- 3.13. Unit shall provide flow meters at inlet & outlet of ETP & maintain its record.
- 3.14. The applicant shall inform renewal/termination of CETP membership well in advance to GPCB.
- 3.15. The applicant shall be required to make storage facilities to store the primary treated effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HIDPE tanks.
- 3.16. The applicant shall make fixed arrangement for loading the effluent after primary treatment to the CETP. The unit shall not keep any by-pass line or system or loose or flexible pipe line for discharging effluent into the under ground drainage system of PEPL.
- 3.17. Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be conveyed alongwith industrial effluent to the CETP of PEPL.
- 3.18. Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent discharging in to underground drainage system of PEPL.
- 3.19. The ENTIRE quantity of industrial effluent shall have to be conveyed by PEPL. In no circumstances the effluent either treated or untreated shall be discharged any where else.
- 3.20. Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.21. PEPL member unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed in let standards.
- 3.22. The applicant shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of one month to GPCB & PEPL on or before fifth day of the succeeding month.
- 3.23. In case of shut-down of plant for more than three days for any reason, the PEPL unit member shall intimate to PEPL authority & GPCB well in advance for the better operation & management of CETP.

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- 3.24. The authorized representative of PEPL may have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of the applicant.
- 3.25. If the PEPL authority terminates the membership of the applicant for CETP, the PEPL member unit shall have to close down the manufacturing activities/industrial operation of the process plant immediately until the PEPL membership is resumed.
- 3.26. The applicant shall put up at the entrance a board displaying PEPL membership number & date of joining of PEPL, the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of GSECL.

4. Condition No-4 of the said CCA order is amended as below.

**4. CONDITIONS UNDER AIR ACT,1981:**

4.1. The Following shall be used as fuel in Steam Boiler, CPP Engines, & Thermic Fluid Heater and D.G.Set respectively.

Sr. No.	Fuel	Existing	Proposed	Quantity
1)	Imported Coal	80 Tons/day	450 tons/day	530 tons/day
	Lignite	-----	700 tons/day	700 tons/day
2)	Natural gas	76875 sq.cm/day	-----	76875 sq.cm/day
3)	LDO	100 m <sup>3</sup> /day	-----	100 m <sup>3</sup> /day
4)	Baggase	250 tons/day	-----	250 tons/day
5)	LDO			57 Lit/hr

4.2. Applicant shall install & operate air pollution control system in order to achieve norms prescribed below:

4.3. The flue gas emission through stack attached to Steam Boiler, CPP Engines, & Thermic Fluid Heater and D.G.Set shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Natural Gas Based CPP Engines – 3 Nos.	30 (each)	----	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
2	Natural Gas Based Steam Boiler (1 TPH)	11	----	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm

**M/s. Shree Durga Syntex Pvt. Ltd.**

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3	Coal Based Thermic Fluid Heater (14000 U)	50	Electrostatic Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
4	1 TPH Boiler with TFH (14000 U)	11	Waste heat recovery system	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
5	Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by	20		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
6	Natural Gas & LDO/FO Based Thermic Fluid Heater (10000 U) × 2 One Stand by	35		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
7	Captive Power Plant (9 MW)	80	Electro Static Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
8	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW)	80	Economizer, Air Pre-heater, ESP	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
9	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW)				
10	Thermic Fluid Heater (Coal based) (18 million Kcal/hr)	50	ESP	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
11	Steam Boiler.(2 TPH)	50	Waste heat recovery system	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm

4.4. There shall be no process gas emission form the manufacturing process as well as any other ancillary process.

4.5. Industry shall take adequate measure to Control dusting due to storage, transportation & handling of Coal & fly ash.

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**GPCB**

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- 4.6. Industry shall comply with Coal handling guideline of the Board.  
4.7. Industry shall comply with fly ash notification 1999 as amended from time to time.  
4.8. Ambient air quality within the premises of the industry shall conform to the following standards.

PARAMETERS	PERMISSIBLE LIMIT (Microgram/M <sup>3</sup> )	
	Annual	24 Hrs Average
Particulate Matter-10 (PM <sub>10</sub> )	60	100
Particulate Matter- 2.5 (PM <sub>2.5</sub> )	40	60
SO <sub>2</sub>	50	80
NO <sub>x</sub>	40	80

- 4.9. The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.  
4.10. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB (a) during day time and 70 dB (A) during night time. Day time is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.  
4.11. **D.G. Sets Conditions**

The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.

D.G.Sets standards:-

The flue gas emission through stack attached to D.G.Sets shall conform to the following standards.

- The minimum height of stack to be provided with each of the generator set shall be  $H=h + 0.2 (KVA)^{1/2}$ , where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.
- Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side ( if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper siting and control measures.

**M/s. Shree Durga Syntex Pvt. Ltd.**

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**Clean Gujarat Green Gujarat**

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

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- f) Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- g) A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use

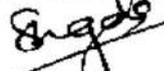
**5. Condition No. 6.2 of the said CCA order is amended as below.**

6.2 **M/s. Shree Durga Syntex Pvt. Ltd.** is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at **Plot No: Z & E, Block No: 128, 129, 130 & 175, Vill: Jolva-394305, Tal: Palsana, Dist: Surat.**

Sr. No.	Waste	Quantity MT/Year	Schedule-I/ Category	Facility
1	Chemical Sludge from waste water treatment	75	35.3	Collection, Storage, Transportation and disposal at GPCB authorized TSDF Site.
2	Used or Spent Oil	3	5.1	Collection, storage, transportation and disposal by selling to Registered re-refiners.
3	Empty barrels/containers/ liners contaminated with hazardous chemicals/ wastes	25	33.1	Collection, storage transportation and disposal to authorized decontaminator
4	Chemical Residue	300	24.1	Collection, Storage, Transportation and disposal at GPCB authorized TSDF Site/ sale to co-processing unit.

6. The rest of the conditions of the above referred CCA order shall remain unchanged. You are directed to comply with these conditions.

For and on behalf of  
Gujarat Pollution Control Board

  
(Sushil Vegda)

Senior Environmental Engineer

M/s. Shree Durga Syntex Pvt. Ltd.

Outward No: 526769, 14/11/2019

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-II**

**PRODUCTION DETAILS FOR LAST SIX MONTHS**

SN.	PRODUCT	NAME OF THE MONTH					
		OCTOBER 2021	NOVEMBER 2021	DECEMBER 2021	JANUARY 2022	FEBRUARY 2022	MARCH 2022
1	Polyester Chips(T/Month)	15,396.00	14,059.00	11,934.30	10,372.62	13,151.62	15,643.70
2	FDY(T/ Month)	6,087.77	6,053.89	5,472.35	3,799.66	5,505.87	6,102.55
3	Partially Oriented Yarn (POY)/Texturized Yarn (T/ Month)	302.93	302.99	382.50	355.31	410.46	342.94
4	Gray Cloth (Meters/Month)	-	-	-	-	-	-

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-III**

**ETP- Raw and treated water analysis report and ETP sludge analysis report**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
E : info@en-vision.co.in  
E : envision.ese@hotmail.com

**WASTE WATER ANALYSIS REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_04_038

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Description of Sample:</b> RAW EFFLUENT	<b>09. Date of Sampling:</b> 14.03.2022
<b>02. Location of Sampling Point:</b> ETP INLET	<b>10. Date of Sample Received:</b> 14.03.2022
<b>03. Type of Sampling:</b> GRAB	<b>11. Date of Analysis Start:</b> 15.03.2022
<b>04. Name of Sampling Team:</b> A	<b>12. Date of Analysis Completion:</b> 19.03.2022
<b>05. Sample Quantity:</b> 2.0 LTR	<b>13. Customer's Ref.No:</b> --
<b>06. Total no. of Sample:</b> 01	<b>14. Protocol Purpose:</b> EC
<b>07. Packing/Label/Seal:</b> PACKING/LABEL	<b>15. Work Order Number :</b> --
<b>08. Sample Inward No:</b> 220314_1718029_04_038	<b>16. Work Order Date :</b> --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULT	TEST METHOD
P <sub>1</sub>	pH	pH Unit	--	6.69	IS:3025, (Part-2) (R.A.-2012)
P <sub>2</sub>	Temperature	°C	--	33.0	IS 3025 (Part-09) (R.A.-2006)
P <sub>3</sub>	Colour	Pt. Co.Scale	--	140	IS 3025 Part-4 (R.A.-2006)- Pt/Co method
P <sub>4</sub>	Suspended Solids	mg/l	--	156	IS:3025 (Part-17) (R.A.-2012) (Gravimetric method)
P <sub>5</sub>	Total Dissolved Solids	mg/l	--	2364	IS:3025 (Part-16) (R.A.-2012) (Gravimetric method)
O <sub>1</sub>	Chemical Oxygen Demand	mg/l	--	2288	APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux -Titrimetric method)
O <sub>2</sub>	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	--	680	IS 3025 Part-44 (R.A.-2009)
O <sub>3</sub>	Oil & Grease	mg/l	--	10.9	IS 3025 Part-39 (R.A.-2003)-A (Gravimetric Method)
O <sub>4</sub>	Ammonical Nitrogen (as N)	mg/l	--	ND	IS:3025 (Part-34) (R.A.-2009)- C-Distillation/ Titrimetric method)
O <sub>5</sub>	Phenolic Compounds	mg/l	--	0.27	IS 3025 (Part-43) (R.A.-2009)-A
I <sub>4</sub>	Sulphides	mg/l	--	ND	IS 3025 (Part-29) (R.A.-2014) (Iodometric Method)
I <sub>4</sub>	Sulphates	mg/l	--	619	APHA 22 <sup>nd</sup> Edition-2012 4500 SO <sub>4</sub> <sup>2-</sup> -E- (Turbidity method)
I <sub>5</sub>	Chloride as Cl	mg/l	--	589.9	IS:3025 (Part-32) (R.A.-2014)

Remarks: ND: Not Detectable.

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/05 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**WASTE WATER ANALYSIS REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**

M/S.SHREE DURGA SYNTEX PVT LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_04_039

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Description of Sample:</b> RAW EFFLUENT	<b>09. Date of Sampling:</b> 14.03.2022
<b>02. Location of Sampling Point:</b> ETP AFTER PRIMARY	<b>10. Date of Sample Received:</b> 14.03.2022
<b>03. Type of Sampling:</b> GRAB	<b>11. Date of Analysis Start:</b> 15.03.2022
<b>04. Name of Sampling Team:</b> A	<b>12. Date of Analysis Completion:</b> 19.03.2022
<b>05. Sample Quantity:</b> 2.0 LTR	<b>13. Customer's Ref.No:</b> --
<b>06. Total no. of Sample:</b> 01	<b>14. Protocol Purpose:</b> EC
<b>07. Packing/Label/Seal:</b> PACKING/LABEL	<b>15. Work Order Number :</b> --
<b>08. Sample Inward No:</b> 220314_1718029_04_039	<b>16. Work Order Date :</b> --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULT	TEST METHOD
P <sub>1</sub>	pH	pH Unit	--	8.13	IS:3025, (Part-2) (R.A.-2012)
P <sub>2</sub>	Temperature	°C	--	31.0	IS 3025 (Part-09) (R.A.-2006)
P <sub>3</sub>	Colour	Pt. Co.Scale	--	110	IS 3025 Part-4 (R.A.-2006)- Pt/Co method
P <sub>4</sub>	Suspended Solids	mg/l	--	114	IS:3025 (Part-17) (R.A.-2012) (Gravimetric method)
P <sub>5</sub>	Total Dissolved Solids	mg/l	--	2620	IS:3025 (Part-16) (R.A.-2012) (Gravimetric method)
O <sub>1</sub>	Chemical Oxygen Demand	mg/l	--	1264	APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux -Titrimetric method)
O <sub>2</sub>	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	--	405	IS 3025 Part-44 (R.A.-2009)
O <sub>3</sub>	Oil & Grease	mg/l	--	6.20	IS 3025 Part-39 (R.A.-2003)-A (Gravimetric Method)
O <sub>4</sub>	Ammonical Nitrogen (as N)	mg/l	--	ND	IS:3025 (Part-34) (R.A.-2009)- C-Distillation/ Titrimetric method)
O <sub>5</sub>	Phenolic Compounds	mg/l	--	0.11	IS 3025 (Part-43) (R.A.-2009)-A
I <sub>1</sub>	Sulphides	mg/l	--	ND	IS 3025 (Part-29) (R.A.-2014) (Iodometric Method)/
I <sub>2</sub>	Sulphates	mg/l	--	588.3	APHA 22 <sup>nd</sup> Edition-2012 4500 SO <sub>4</sub> <sup>2-</sup> -E- (Turbidity method)
I <sub>3</sub>	Chloride as Cl	mg/l	--	529.81	IS:3025 (Part-32) (R.A.-2014)

Remarks: ND: Not Detectable.

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

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The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/05 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC) | T : 0261-2344773, 2344774  
Nr. Apple Hospital, Udhana Darwaja, | e : info@en-vision.co.in  
Surat - 395 002 | e : envision.es@hotmail.com

**WASTE WATER ANALYSIS REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**

M/S.SHREE DURGA SYNTEX PVT LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL.:JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_04_040

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Description of Sample:</b> RAW EFFLUENT	<b>09. Date of Sampling:</b> 14.03.2022
<b>02. Location of Sampling Point:</b> ETP OUTLET	<b>10. Date of Sample Received:</b> 14.03.2022
<b>03. Type of Sampling:</b> GRAB	<b>11. Date of Analysis Start:</b> 15.03.2022
<b>04. Name of Sampling Team:</b> A	<b>12. Date of Analysis Completion:</b> 19.03.2022
<b>05. Sample Quantity:</b> 2.0 LTR	<b>13. Customer's Ref.No:</b> --
<b>06. Total no. of Sample:</b> 01	<b>14. Protocol Purpose:</b> EC
<b>07. Packing/Label/Seal:</b> PACKING/LABEL	<b>15. Work Order Number :</b> --
<b>08. Sample Inward No:</b> 220314_1718029_04_040	<b>16. Work Order Date :</b> --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULT	TEST METHOD
P <sub>1</sub>	pH	pH Unit	6.5-8.5	7.52	IS:3025, (Part-2) (R.A.-2012)
P <sub>2</sub>	Temperature	°C	40.0	29.0	IS 3025 (Part-09) (R.A.-2006)
P <sub>3</sub>	Colour	Pt. Co.Scale	100	90.0	IS 3025 Part-4 (R.A.-2006)- Pt/Co method
P <sub>4</sub>	Suspended Solids	mg/l	300	72.0	IS:3025 (Part-17) (R.A.-2012) (Gravimetric method)
P <sub>5</sub>	Total Dissolved Solids	mg/l	2100	1984	IS:3025 (Part-16) (R.A.-2012) (Gravimetric method)
O <sub>1</sub>	Chemical Oxygen Demand	mg/l	1000	688	APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux -Titrimetric method)
O <sub>2</sub>	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	400	210	IS 3025 Part-44 (R.A.-2009)
O <sub>3</sub>	Oil & Grease	mg/l	10.0	4.30	IS 3025 Part-39 (R.A.-2003)-A (Gravimetric Method)
O <sub>4</sub>	Ammonical Nitrogen (as N)	mg/l	50.0	ND	IS:3025 (Part-34) (R.A.-2009)- C-
O <sub>5</sub>	Phenolic Compounds	mg/l	1.0	0.08	IS 3025 (Part-43) (R.A.-2009)-A
I <sub>1</sub>	Sulphides	mg/l	2.0	ND	IS 3025 (Part-29) (R.A.-2014) (Iodometric Method)/
I <sub>2</sub>	Sulphates	mg/l	1000	372.4	APHA 22 <sup>nd</sup> Edition-2012 4500 SO <sub>4</sub> <sup>-2</sup> -E- (Turbidity method)
I <sub>3</sub>	Chloride as Cl	mg/l	600	479.81	IS:3025 (Part-32) (R.A.-2014) (Argentometric method)

Remarks: ND: Not Detectable.

**En-Vision Environmental Services., (Testing Laboratory), Surat**

**Note:**

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The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/05 Revision No: 00 Date: 07.12.18

Tested By:

**Mr. Vasant Shah**  
(Technical Manager)

**End of Report**



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**SOLID WASTE ANALYSIS REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_06_041

**[B] DESCRIPTION OF SAMPLING :**

01. Sample Inward No : 220314_1718029_06_041	05. Time of Sampling : 02:40 PM
02. Location of Sampler : ETP SLUDGE	06. Date of Sample Received : 14.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 15.03.2022
04. Date of Sampling : 14.03.2022	08. Date of Analysis Completion : 19.03.2022

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	RESULT	TEST METHOD
P1	pH	PH Unit	7.61	IS 2720 (Part - 26) - 1987 (Reaffirmed 2007)
P <sub>2</sub>	Total Dissolved Solids (TDS)	gm/kg	16.0	IS:3025 (Part-16) : 1984 (Reaff.2006)- Gravimetric method
P <sub>3</sub>	Alkalinity	gm/kg	8.10	IS:3025 (Part-23) : 1986 (Reaff.2009) Titrimetric method
P <sub>4</sub>	Moisture	%	12.8	IS 2720(Part - 2) : 1973 (Reaffirmed 2007).
P <sub>5</sub>	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	gm/kg	ND	IS 3025 (Part-43):1992 (Reaff.2009)- A
O <sub>1</sub>	Chemical Oxygen Demand	gm/kg	16.0	APHA 22 <sup>nd</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method)
O <sub>2</sub>	Biochemical Oxygen Demand for 3 days 27°C	gm/kg	6.00	IS 3025 Part-44-1993 (Reaff.2009)

**Remarks:**

En-Vision Environmental Services., (Testing Laboratory), Surat

**Note:**

The results relate only to the items tested.  
The test report shall not be reproduced except in full, without written approval of the laboratory.  
Fmt No: LAB/FM/03 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-IV**

**FRESH WATER CONSUMPTION AND EFFLUENT GENERATION FOR LAST SIX MONTHS**

The Avg. fresh water consumption in last six months is **915 KL/Day**. Monthly Total Water consumption details are given as below;

<b>SN</b>	<b>Month</b>	<b>Qty (KL/Month)</b>	<b>Qty (KL/Day)</b>
1	October 2021	31678	1021
2	November 2021	28856	961
3	December 2021	24716	797
4	January 2022	21827	704
5	February 2022	27154	969
6	March 2022	32148	1037

The Avg. industrial waste water generation in last six months is **379 KL/Day**. Monthly waste water generation details are given as below;

<b>SN</b>	<b>Month</b>	<b>Qty (KL/Month)</b>	<b>Qty (KL/Day)</b>
1	October 2021	12923	417
2	November 2021	12146	405
3	December 2021	11557	372
4	January 2022	7493	242
5	February 2022	10131	361
6	March 2022	14869	479

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-V**



भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन, नदी विकास  
और गंगा संरक्षण विभाग  
केन्द्रीय भूमि जल प्राधिकरण  
Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation  
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

**NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	Shree Durga Syntex Pvt Ltd		
Project Address:	Block No 128,129,130 And 175,, Plot No Z And E, Village- Jolva, Taluka- Palsana		
Village:	Jolva	Block:	Palsana
District:	Surat	State:	Gujarat
Pin Code:			
Communication Address:	Plot No 21 To 29, Anand Industrial Estate,, U.m.road, Nr. Begani Dyeing Mills Pvt Ltd, Bhatar Char Rasta, Chorasi, Surat, Gujarat - 395017		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1. NOC No.:	CGWA/NOC/IND/ORIG/2021/12312											
2. Application No.:	21-4/1673/GJ/IND/2017	3. Category:	Safe									
		(GWRE 2017)										
4. Project Status:	Existing Project	5. NOC Type:	New									
6. Valid from:	10/12/2020	7. Valid up to:	09/12/2023									
8. Ground Water Abstraction Permitted:												
	Fresh Water	Saline Water	Dewatering	Total								
	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year				
	1381.00	504065.00										
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:3						Total Proposed No.:0					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	3	0	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):				4536585.00								
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism					
							Manual	DWLR**	DWLR With Telemetry			
**DWLR - Digital Water Level Recorder	2						0	1	1			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jammnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाव - जीवन बचाव  
SAVE WATER - SAVE LIFE

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

Validity of this NOC shall be subject to compliance of the following conditions:

**Mandatory conditions:**

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website ([www.cgwa-noc.gov.in](http://www.cgwa-noc.gov.in)) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m<sup>3</sup>/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

**General conditions:**

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises falling which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is/are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCQ list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m<sup>3</sup>/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 falling which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

**(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)**

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-VI**

**STACK MONITORING REPORTS**

 <p>en-VISION ENVIRONMENTAL SERVICES Pollution Control Consultants &amp; Engineers</p>	<p>201 &amp; 301, Union Trade Center (UTC) Nr. Apple Hospital, Udhana Darwaja, Surat - 395 002</p>	<p>T : 0261-2344773, 2344774 e : info@en-vision.co.in e : envision.es@hotmail.com</p>
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**STACK TEST REPORT**

<b>[A] NAME &amp; ADDRESS OF CUSTOMER:</b> M/S.SHREE DURGA SYNTEX PVT.LTD PLOT NO. Z & E, BLOCK NO.128, 129,130 & 175, VILL: JOLVA, TAL: PALSANA, SURAT-394305.	<b>Issue Date</b>	21/03/2022
	<b>Report No.</b>	220321_1718029_02_033

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Location of Sample :</b> STACK	<b>11. Sampling Platform :</b> YES
<b>02. Sample Inward No:</b> 220314_1718029_02_033	<b>12. Location of Sampling port-Hole :</b> ≈ 22 MTR.
<b>03. Lab Representative :</b> M/S. ENES	<b>13. No.of Traveres Point Used :</b> 1.0
<b>04. Name of Sampling Team :</b> A	<b>14. Temperature of Flue gas :</b> 138 °C
<b>05. Name of Sources :</b> STEAM BOILER	<b>15. Average flue Gas Velocity :</b> 5.81 m/sec
<b>06. Status of Sources :</b> NOT SPECIFIED	<b>16. Date of Sampling :</b> 14.03.2022
<b>07. Capacity of Sources :</b> 9 MW	<b>17. Date of Sample Received :</b> 14.03.2022
<b>08. Fuel Used in Sources :</b> BAGASSE/ COAL	<b>18. Date of Analysis Start :</b> 15.03.2022
<b>09. Sources Make by :</b> NOT SPECIFIED	<b>19. Date of Analysis Completion :</b> 15.03.2022
<b>10. Provision of APCD :</b> ESP, ECONOMIZER, AIR PRE HEATER	<b>20. Work order Number :</b> --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	82.3	IS 11255 (Part-1) (R.A.-2014)
S <sub>4</sub>	NO <sub>x</sub>	ppm	50	11.0	IS 11255 (Part-7) (R.A.-2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	21.9	IS 11255 (Part-2) (R.A.-2014)

Note: \*Particulate Matter at 11% O<sub>2</sub>

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:  
The results relate only to the items tested.  
The test report shall not be reproduced except in full, without written approval of the laboratory.  
Fmt No: LAB/FM/04 Revision No: 00 Date: 07.12.18

  
**Mr. Vasant Shah**  
(Technical Manager)

Tested By: 

End of Report

Page 1 of 1

  
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**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



**en-VISION**  
ENVIRONMENTAL SERVICES  
Pollution Control Consultants & Engineers

201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**STACK TEST REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**

M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date 21/03/2022

Report No. 220321\_1718029\_02\_034

**[B] DESCRIPTION OF SAMPLING :**

01. Location of Sample : STACK	11. Sampling Platform : YES
02. Sample Inward No: 220314_1718029_02_034	12. Location of Sampling port-Hole : ≈ 19 MTR.
03. Lab Representative : M/S. ENES	13. No.of Traverses Point Used : 1.0
04. Name of Sampling Team : A	14. Temperature of Flue gas : 120 °C
05. Name of Sources : THERMICFLUID HEATER	15. Average flue Gas Velocity : 5.52 m/sec
06. Status of Sources : NOT SPECIFIED	16. Date of Sampling : 14.03.2022
07. Capacity of Sources : 14 MILLION KCAL/HR	17. Date of Sample Received : 14.03.2022
08. Fuel Used in Sources : COAL	18. Date of Analysis Start : 15.03.2022
09. Sources Make by : NOT SPECIFIED	19. Date of Analysis Completion : 15.03.2022
10. Provision of APCD : ESP	20. Work order Number : --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particulate Matter	mg/Nm <sup>3</sup>	150	80.7	IS 11255 (Part-1) (R.A.-2014)
S <sub>4</sub>	NO <sub>x</sub>	ppm	50	9.00	IS 11255 (Part-7) (R.A.-2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	14.9	IS 11255 (Part-2) (R.A.-2014)

Note: \*Particulate Matter at 11% O<sub>2</sub>

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

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The test report shall not be reproduced except in full, without written approval of the laboratory.

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Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**STACK TEST REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_02_035

**[B] DESCRIPTION OF SAMPLING :**

01. Location of Sample : STACK	11. Sampling Platform : YES
02. Sample Inward No: 220314_1718029_02_035	12. Location of Sampling port-Hole : ≈ 7.0 MTR.
03. Lab Representative : M\S. ENES	13. No.of Traveres Point Used : 1.0
04. Name of Sampling Team : A	14. Temperature of Flue gas : 123 °C
05. Name of Sources : STEAM BOILER	15. Average flue Gas Velocity : 5.46 m/sec
06. Status of Sources : NOT SPECIFIED	16. Date of Sampling : 14.03.2022
07. Capacity of Sources : 1.0 TPH	17. Date of Sample Received : 14.03.2022
08. Fuel Used in Sources : NATURAL GAS	18. Date of Analysis Start : 15.03.2022
09. Sources Make by : NOT SPECIFIED	19. Date of Analysis Completion : 15.03.2022
10. Provision of APCD : NA	20. Work order Number : --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	10.4	IS 11255 (Part-1) (R.A.-2014)
S <sub>4</sub>	NO <sub>x</sub>	ppm	50	2.50	IS 11255 (Part-7) (R.A.-2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	1.40	IS 11255 (Part-2) (R.A.-2014)

Note: \*Particulate Matter at 11% O<sub>2</sub>

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

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Fmt No: LAB/FM/04 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
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e : envision.es@hotmail.com

**STACK TEST REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_02_036

**[B] DESCRIPTION OF SAMPLING :**

01. Location of Sample : STACK	11. Sampling Platform : YES
02. Sample Inward No: 220314_1718029_02_036	12. Location of Sampling port-Hole : ≈ 14 MTR.
03. Lab Representative : M\S. ENES	13. No.of Traveres Point Used : 1.0
04. Name of Sampling Team : A	14. Temperature of Flue gas : 122 °C
05. Name of Sources : THERMIC FLUID HEATER	15. Average flue Gas Velocity : 5.49 m/sec
06. Status of Sources : NOT SPECIFIED	16. Date of Sampling : 14.03.2022
07. Capacity of Sources : 200 U NOS. OF 2.0	17. Date of Sample Received : 14.03.2022
08. Fuel Used in Sources : NATURAL GAS	18. Date of Analysis Start : 15.03.2022
09. Sources Make by : NOT SPECIFIED	19. Date of Analysis Completion : 15.03.2022
10. Provision of APCD : NA	20. Work order Number : --

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	10.2	IS 11255 (Part-1) (R.A.-2014)
S <sub>4</sub>	NO <sub>x</sub>	ppm	50	1.40	IS 11255 (Part-7) (R.A.-2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	1.10	IS 11255 (Part-2) (R.A.-2014)

Note: \*Particulate Matter at 11% O<sub>2</sub>

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

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Fmt No: LAB/FM/04 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
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Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
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**STACK TEST REPORT**

[A] NAME & ADDRESS OF CUSTOMER:  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_02_037

[B] DESCRIPTION OF SAMPLING :

01. Location of Sample : STACK	11. Sampling Platform : YES
02. Sample Inward No: 220314_1718029_02_037	12. Location of Sampling port-Hole : ≈ 14 MTR.
03. Lab Representative : M/S. ENES	13. No.of Traveres Point Used : 1.0
04. Name of Sampling Team : A	14. Temperature of Flue gas : 132 °C
05. Name of Sources : THERMIC FLUID HEATER	15. Average flue Gas Velocity : 5.62 m/sec
06. Status of Sources : NOT SPECIFIED	16. Date of Sampling : 14.03.2022
07. Capacity of Sources : 10000 U NOS. OF 2.0	17. Date of Sample Received : 14.03.2022
08. Fuel Used in Sources : NATURAL GAS	18. Date of Analysis Start : 15.03.2022
09. Sources Make by : NOT SPECIFIED	19. Date of Analysis Completion : 15.03.2022
10. Provision of APCD : NA	20. Work order Number : --

[C] RESULT OF SAMPLE :

CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	11.1	IS 11255 (Part-1) (R.A.-2014)
S <sub>4</sub>	NO <sub>x</sub>	ppm	50	1.50	IS 11255 (Part-7) (R.A.-2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	1.00	IS 11255 (Part-2) (R.A.-2014)

Note: \*Particulate Matter at 11% O<sub>2</sub>

En-Vision Environmental Services., (Testing Laboratory), Surat

Note:

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The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/04 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-VII**

**ANALYSIS REPORT OF WORKPLACE AIR MONITORING**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**AMBIENT AIR TEST REPORT**

[A] NAME & ADDRESS OF CUSTOMER:  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_01_030

[B] DESCRIPTION OF SAMPLING :

01. Sample Inward No : 220314_1718029_01_030	05. Duration of Sampling : 8.0 HOURS
02. Location of Sampler : NEAR MAIN GATE	06. Date of Sample Received : 14.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 14.03.2022
04. Date of Sampling : 14.03.2022	08. Date of Analysis Completion : 15.03.2022

[C] RESULT OF SAMPLE :

CODE	PARAMETERS	UNIT	LIMIT		RESULTS	TEST METHOD
			8.0 Hour	24 Hour		
A <sub>2</sub>	PM <sub>10</sub>	µg/m <sup>3</sup>	100	--	69.4	IS 5182 (Part-23) 2009 Gravimetric method
A <sub>3</sub>	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	--	36.8	Lab SOP-STP-A <sub>2</sub> based on CPCB guideline, 2011 & Instrument Manual
A <sub>4</sub>	NO <sub>x</sub>	µg/m <sup>3</sup>	80	--	14.4	IS 5182 (Part-6) (R.A.-2012)
A <sub>5</sub>	SO <sub>2</sub>	µg/m <sup>3</sup>	80	--	10.7	IS 5182 (Part-2) (R.A.-2012)

Remarks :

1. Environmental Condition : Clear Sky.

En-Vision Environmental Services, (Testing Laboratory), Surat

Note:

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/07 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**AMBIENT AIR TEST REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_01_031

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Sample Inward No :</b> 220314_1718029_01_031	<b>05. Duration of Sampling :</b> 8.0 HOURS
<b>02. Location of Sampler :</b> NEAR ETP	<b>06. Date of Sample Received :</b> 14.03.2022
<b>03. Name of Sampling Team:</b> A	<b>07. Date of Analysis Start :</b> 14.03.2022
<b>04. Date of Sampling :</b> 14.03.2022	<b>08. Date of Analysis Completion :</b> 15.03.2022

**[C] RESULT OF SAMPLE :**

CODE	PARAMETERS	UNIT	LIMIT		RESULTS	TEST METHOD
			8.0 Hour	24 Hour		
A <sub>2</sub>	PM <sub>10</sub>	µg/m <sup>3</sup>	100	--	65.3	IS 5182 (Part-23) 2009 Gravimetric method
A <sub>3</sub>	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	--	34.2	Lab SOP-STP-A <sub>2</sub> based on CPCB guideline, 2011 & Instrument Manual
A <sub>4</sub>	NO <sub>x</sub>	µg/m <sup>3</sup>	80	--	14.7	IS 5182 (Part-6) (R.A.-2012)
A <sub>5</sub>	SO <sub>2</sub>	µg/m <sup>3</sup>	80	--	9.90	IS 5182 (Part-2) (R.A.-2012)

**Remarks :**

1. Environmental Condition : Clear Sky.

En-Vision Environmental Services, (Testing Laboratory), Surat

**Note:**

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/07 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**AMBIENT AIR TEST REPORT**

[A] NAME & ADDRESS OF CUSTOMER:  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_01_032

[B] DESCRIPTION OF SAMPLING :

01. Sample Inward No : 220314_1718029_01_032	05. Duration of Sampling : 8.0 HOURS
02. Location of Sampler : ON THE ADMIN BUILDING	06. Date of Sample Received : 14.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 14.03.2022
04. Date of Sampling : 14.03.2022	08. Date of Analysis Completion : 15.03.2022

[C] RESULT OF SAMPLE :

CODE	PARAMETERS	UNIT	LIMIT		RESULTS	TEST METHOD
			8.0 Hour	24 Hour		
A <sub>2</sub>	PM <sub>10</sub>	µg/m <sup>3</sup>	100	--	62.1	IS 5182 (Part-23) 2009 Gravimetric method
A <sub>3</sub>	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	--	36.2	Lab SOP-STP-A <sub>3</sub> based on CPCB guideline, 2011 & Instrument Manual
A <sub>4</sub>	NO <sub>x</sub>	µg/m <sup>3</sup>	80	--	13.9	IS 5182 (Part-6) (R.A.-2012)
A <sub>5</sub>	SO <sub>2</sub>	µg/m <sup>3</sup>	80	--	8.40	IS 5182 (Part-2) (R.A.-2012)

Remarks :

1. Environmental Condition : Clear Sky.

En-Vision Environmental Services, (Testing Laboratory), Surat

Note:

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/07 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-VIII**

**HAZARDOUS WASTE GENERATION IN LAST SIX MONTHS**

SR. NO.	SOLID WASTE GENERATION	NAME OF THE MONTH					
		OCTOBER 2021	NOVEMBER 2021	DECEMBER 2021	JANUARY 2022	FEBRUARY 2022	MARCH 2022
1.	ETP Sludge(MT)	1.41	1.45	1.58	1.52	1.48	1.51
2.	Used Oil (MT)	0.018	0.019	0.022	0.021	0.017	0.019
3.	Discarded Container (Nos.)	8	7	9	8	6	5

**HAZARDOUS WASTE DISPOSAL IN LAST SIX MONTHS**

STATEMENT OF ETP SLUDGE DISPOSED OFF			
SR NO	Manifest No	Date of Disposal	Quantity (MT)
1	1514974	13/1/2022	6.450 MT
2	1541663	7/2/2022	6.450 MT
3	1575586	10/3/2022	6.550 MT
TOTAL			19.45 MT

STATEMENT OF USED OIL DISPOSED OFF			
SR NO	Manifest No	Date of Disposal	Quantity (MT)
1	1635119	28/3/2022	1.150 MT
TOTAL			1.150 MT

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

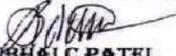
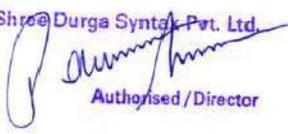
**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-IX**

**MEMBERSHIP CERTIFICATE WITH TSDF**

	<b>NANDESARI ENVIRONMENT CONTROL LTD.</b> SURVEY NO. : 519/P, G.I.D.C. ESTATE, NANDESARI-391 340, DIST : VADODARA. PHONE : (0265) 2840 818 FAX : (0265) 2841017 E-mail : necl_tsdf@yahoo.co.in
SR.NO.856	16.03.2012
<b><u>TO WHOM SOEVER IT MAY CONCERN</u></b>	
THIS IS TO CERTIFY THAT <b><u>M/S.SHREE DURGA SYNTAX PVT.LTD.,BLOCK NO.129 &amp; 175,PLOT NO. Z &amp; E,TALUKA,PALSANA,ZOLVA,SURAT</u></b> IS OUR VALID MEMBER OF COMMON HAZARDOUS WASTE <b><u>DISPOSAL</u></b> FACILITY (CHWF) DEVELOPED BY NANDESARI ENVIRONMENT CONTROL LTD. AT SURVEY NO.519/P,GIDC,NANDESARI,DIST:BARODA	
ANNUAL COMMITTED QUANTITY IS : <b>15.000 MT/ANNUM</b>	
SO FAR WE HAVE NOT RECEIVED ANY WASTE	
<b>FOR &amp; ON BEHALF OF :</b> <b>NANDESARI ENVIRONMENT CONTROL LTD.</b>	
 <b>BABUBHAI C.PATEL</b> <b>CHAIRMAN</b>	
For Shree Durga Syntex Pvt. Ltd.  <b>Authorised / Director</b>	
Common Solid Waste Disposal and Incineration Facility	
	

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**  
**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**  
**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

	CERTIFICATE NO. : 140		
	<b>Palsana Enviro Protection Ltd.</b>		
Block No. 527-528, Opp. Mac Donalds, Mumbai - Ahmedabad N.H. No. 8, Village : Umbhel, Tal : Kamrej, Dist : Surat - 394 325, Gujarat. Ph. No. : 9909904101, Email : palsanaenviro@yahoo.com/gmail.com Website : www.palsanaenviro.com			
<b>CERTIFICATE</b>			
THIS IS TO CERTIFY THAT M/s. <u>Shree Durga Syntex Private Limited</u>			
<u>Block No. 129 &amp; 175, Plot No. Z to E, Village - Jolva,</u>			
<u>Taluka - Palsana, District - Surat - 394 305.</u>			
is a member of			
<b>Palsana Enviro Protection Limited</b>			
for			
Common Effluent Treatment			
Date of Issue :	09.05.2022	Permitted Pollution Load : Inlet Norms	
Valid Upto :	08.05.2027	PH :	6.5 - 8.5
GPCB ID No. :	21289	Temperature :	40° C
CTE No. :	-	COD :	1000 Mg/Ltr
CCA No. :	AWH-86533	BOD :	400 Mg/Ltr
CCA Valid Up to :	03.07.2022	SS :	300 Mg/Ltr
Booked Quantity :	700 KL/Day	Oil & Grease :	10 Mg/Ltr
Permitted Quantity : (As per CCA)	180 KL/Day	No. of Chambers :	10 Chamber
<i>For, Palsana Enviro Protection Ltd.</i>			
			
Chairman			
<b>Conditions :</b>			
1) Industry shall not internally trade its chamber / Trade effluent with other industry without prior permission of the CETP & GPCB.			
2) The Unit shall abide by the terms and conditions as specified in the agreement between member unit and PEPL.			
3) The Unit shall use a single well defined outlet for discharge of waste water in to conveyance system to the CETP.			
4) In the event of the CETP's not functioning as proposed / breakdown of CETP, the CETP member units shall be immediately Intimated to stop discharging the effluent / to shut down their plants immediately. The effluent from the member units shall not be received at CETP until the desired efficiency of the CETP has been achieved.			

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

**ANNEXURE-X**

**NOISE MONITORING REPORT**

		201 B 301, Union Trade Center (UTC) Nr. Apple Hospital, Udhana Darwaja, Surat - 395 002		T : 0261-2344773, 2344774 e : info@en-vision.co.in e : envision.es@hotmail.com	
<b>NOISE MEASUREMENT REPORT</b>					
<b>[A] NAME &amp; ADDRESS OF CUSTOMER:</b> M/S.SHREE DURGA SYNTEX PVT.LTD PLOT NO. Z & E, BLOCK NO.128, 129,130 & 175, VILL: JOLVA, TAL: PALSANA, SURAT-394305.				<b>Issue Date</b> 21/03/2022	
				<b>Report No.</b> 220321_1718029_06A_042	
<b>[B] DESCRIPTION OF SAMPLING :</b>					
<b>01. Sample Inward No :</b> 220315_1718029_06A_042		<b>05. Duration of Sampling :</b> 24.0 HRS.			
<b>02. No of Location :</b> 01		<b>06. Date of Sample Received :</b> 15.03.2022			
<b>03. Name of Sampling Team:</b> A		<b>07. Date of Analysis Start :</b> 15.03.2022			
<b>04. Date of Sampling :</b> 14.03.2022		<b>08. Date of Analysis Completion :</b> 15.03.2022			
<b>09. Name of Location :</b> ADMIN OFFICE					
<b>10. Test Method :</b> STP No.: Ns, Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.					
<b>[C] RESULT OF SAMPLE :</b>					
<b>Code</b>	<b>Unit</b>	<b>Time</b>	<b>Results</b>		
N1	db(A)	6:00	62.2		
N2	db(A)	7:00	63.1		
N3	db(A)	8:00	63.8		
N4	db(A)	9:00	60.7		
N5	db(A)	10:00	62.6		
N6	db(A)	11:00	59.8		
N7	db(A)	12:00	61.4		
N8	db(A)	13:00	62.7		
N9	db(A)	14:00	63.9		
N10	db(A)	15:00	64.6		
N11	db(A)	16:00	61.4		
N12	db(A)	17:00	60.8		
N13	db(A)	18:00	58.9		
N14	db(A)	19:00	59.4		
N15	db(A)	20:00	58.1		
N16	db(A)	21:00	58.3		
<b>Note :</b>					
<b>En-Vision Environmental Services, (Testing Laboratory), Surat</b>					
<b>Note:</b> The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18					
 Tested By:		 <b>Mr. Vasant Shah</b> (Technical Manager)			
End of Report					
Page 1 of 2					
					
www.en-vision.co.in					

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



**en-VISION**  
ENVIRONMENTAL SERVICES  
Pollution Control Consultants & Engineers

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Surat - 395 002

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e : info@en-vision.co.in  
e : envision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**

M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date 21/03/2022

Report No. 220321\_1718029\_06A\_042

**[B] DESCRIPTION OF SAMPLING :**

01. Sample Inward No : 220315_1718029_06A_042	05. Duration of Sampling : 24.0 HRS.
02. No of Location : 01	06. Date of Sample Received : 15.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 15.03.2022
04. Date of Sampling : 14.03.2022	08. Date of Analysis Completion : 15.03.2022
09. Name of Location : ADMIN OFFICE	
10. Test Method : STP No.: N <sub>s</sub> , Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N17	db(A)	22:00	57.3
N18	db(A)	23:00	57.6
N19	db(A)	00:00	56.2
N20	db(A)	1:00	55.6
N21	db(A)	2:00	55.2
N22	db(A)	3:00	54.6
N23	db(A)	4:00	55.3
N24	db(A)	5:00	55.9

Note :

En-Vision Environmental Services, (Testing Laboratory), Surat

Note:

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Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

Page 2 of 2



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**



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T : 0261-2344773, 2344774  
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e : envision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_06A_043

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Sample Inward No :</b> 220316_1718029_06A_043	<b>05. Duration of Sampling :</b> 24.0 HRS.
<b>02. No of Location :</b> 01	<b>06. Date of Sample Received :</b> 16.03.2022
<b>03. Name of Sampling Team:</b> A	<b>07. Date of Analysis Start :</b> 16.03.2022
<b>04. Date of Sampling :</b> 15.03.2022	<b>08. Date of Analysis Completion :</b> 16.03.2022
<b>09. Name of Location :</b> BOILER	
<b>10. Test Method :</b> STP No.: N <sub>o</sub> , Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N1	db(A)	6:00	74.8
N2	db(A)	7:00	74.6
N3	db(A)	8:00	74.4
N4	db(A)	9:00	74.3
N5	db(A)	10:00	74.5
N6	db(A)	11:00	73.8
N7	db(A)	12:00	74.2
N8	db(A)	13:00	74.1
N9	db(A)	14:00	73.8
N10	db(A)	15:00	74.3
N11	db(A)	16:00	74.7
N12	db(A)	17:00	74.4
N13	db(A)	18:00	74.6
N14	db(A)	19:00	73.9
N15	db(A)	20:00	73.6
N16	db(A)	21:00	73.7

**Note :**

**En-Vision Environmental Services, (Testing Laboratory), Surat**

**Note:**

The results relate only to the items tested.

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Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

Page 1 of 2



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**



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e : info@en-vision.co.in  
e : envision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL.: JOLVA,  
TAL: PALSANA,  
SURAT-394305..

Issue Date	21/03/2022
Report No.	220321_1718029_06A_043

**[B] DESCRIPTION OF SAMPLING :**

01. Sample Inward No : 220316_1718029_06A_043	05. Duration of Sampling : 24.0 HRS.
02. No of Location : 01	06. Date of Sample Received : 16.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 16.03.2022
04. Date of Sampling : 15.03.2022	08. Date of Analysis Completion : 16.03.2022
09. Name of Location : BOILER	
10. Test Method : STP No.: N, Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N17	db(A)	22:00	74.1
N18	db(A)	23:00	74.0
N19	db(A)	00:00	73.5
N20	db(A)	1:00	74.3
N21	db(A)	2:00	74.3
N22	db(A)	3:00	73.4
N23	db(A)	4:00	74.6
N24	db(A)	5:00	74.2

Note :

En-Vision Environmental Services, (Testing Laboratory), Surat

Note:

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Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



**en-VISION**  
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**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_06A_044

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Sample Inward No :</b> 220317_1718029_06A_044	<b>05. Duration of Sampling :</b> 24.0 HRS.
<b>02. No of Location :</b> 01	<b>06. Date of Sample Received :</b> 17.03.2022
<b>03. Name of Sampling Team:</b> A	<b>07. Date of Analysis Start :</b> 17.03.2022
<b>04. Date of Sampling :</b> 16.03.2022	<b>08. Date of Analysis Completion :</b> 17.03.2022
<b>09. Name of Location :</b> MAIN GATE	
<b>10. Test Method :</b> STP No.: N <sub>o</sub> , Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N1	db(A)	6:00	66.8
N2	db(A)	7:00	67.9
N3	db(A)	8:00	69.1
N4	db(A)	9:00	68.4
N5	db(A)	10:00	69.2
N6	db(A)	11:00	67.0
N7	db(A)	12:00	64.9
N8	db(A)	13:00	66.8
N9	db(A)	14:00	67.3
N10	db(A)	15:00	67.1
N11	db(A)	16:00	68.2
N12	db(A)	17:00	68.7
N13	db(A)	18:00	68.0
N14	db(A)	19:00	67.8
N15	db(A)	20:00	68.1
N16	db(A)	21:00	68.4

**Note :**

**En-Vision Environmental Services, (Testing Laboratory), Surat**

**Note:**

The results relate only to the items tested.

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Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

Page 1 of 2



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**



**en-VISION**  
ENVIRONMENTAL SERVICES  
Pollution Control Consultants & Engineers

201 & 301, Union Trade Center (UTC)  
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e : envision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305..

Issue Date	21/03/2022
Report No.	220321_1718029_06A_044

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Sample Inward No :</b> 220317_1718029_06A_044	<b>05. Duration of Sampling :</b> 24.0 HRS.
<b>02. No of Location :</b> 01	<b>06. Date of Sample Received :</b> 17.03.2022
<b>03. Name of Sampling Team:</b> A	<b>07. Date of Analysis Start :</b> 17.03.2022
<b>04. Date of Sampling :</b> 16.03.2022	<b>08. Date of Analysis Completion :</b> 17.03.2022
<b>09. Name of Location :</b> MAIN GATE	
<b>10. Test Method :</b> STP No.: N <sub>o</sub> , Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N17	db(A)	22:00	68.4
N18	db(A)	23:00	68.0
N19	db(A)	00:00	67.6
N20	db(A)	1:00	67.8
N21	db(A)	2:00	67.3
N22	db(A)	3:00	67.9
N23	db(A)	4:00	67.2
N24	db(A)	5:00	67.4

**Note :**

**En-Vision Environmental Services, (Testing Laboratory), Surat**

**Note:**

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

**Tested By:**

**Mr. Vasant Shah**  
**(Technical Manager)**

**End of Report**

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
e : envision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

**[A] NAME & ADDRESS OF CUSTOMER:**  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA, TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_06A_045

**[B] DESCRIPTION OF SAMPLING :**

<b>01. Sample Inward No :</b> 220318_1718029_06A_045	<b>05. Duration of Sampling :</b> 24.0 HRS.
<b>02. No of Location :</b> 01	<b>06. Date of Sample Received :</b> 18.03.2022
<b>03. Name of Sampling Team:</b> A	<b>07. Date of Analysis Start :</b> 18.03.2022
<b>04. Date of Sampling :</b> 17.03.2022	<b>08. Date of Analysis Completion :</b> 18.03.2022
<b>09. Name of Location :</b> PLANT AREA	
<b>10. Test Method :</b> STP No.: N., Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

**[C] RESULT OF SAMPLE :**

Code	Unit	Time	Results
N1	db(A)	6:00	68.4
N2	db(A)	7:00	67.1
N3	db(A)	8:00	68.0
N4	db(A)	9:00	67.6
N5	db(A)	10:00	69.4
N6	db(A)	11:00	68.8
N7	db(A)	12:00	67.1
N8	db(A)	13:00	65.8
N9	db(A)	14:00	67.2
N10	db(A)	15:00	68.1
N11	db(A)	16:00	67.9
N12	db(A)	17:00	67.7
N13	db(A)	18:00	67.4
N14	db(A)	19:00	67.9
N15	db(A)	20:00	68.1
N16	db(A)	21:00	68.7

**Note :**

**En-Vision Environmental Services, (Testing Laboratory), Surat**

Note:

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**



201 & 301, Union Trade Center (UTC)  
Nr. Apple Hospital, Udhana Darwaja,  
Surat - 395 002

T : 0261-2344773, 2344774  
e : info@en-vision.co.in  
en-vision.es@hotmail.com

**NOISE MEASUREMENT REPORT**

[A] NAME & ADDRESS OF CUSTOMER:  
M/S.SHREE DURGA SYNTEX PVT.LTD  
PLOT NO. Z & E,  
BLOCK NO.128, 129,130 & 175,  
VILL: JOLVA,  
TAL: PALSANA,  
SURAT-394305.

Issue Date	21/03/2022
Report No.	220321_1718029_06A_045

[B] DESCRIPTION OF SAMPLING :

01. Sample Inward No : 220318_1718029_06A_045	05. Duration of Sampling : 24.0 HRS.
02. No of Location : 01	06. Date of Sample Received : 18.03.2022
03. Name of Sampling Team: A	07. Date of Analysis Start : 18.03.2022
04. Date of Sampling : 17.03.2022	08. Date of Analysis Completion : 18.03.2022
09. Name of Location : PLANT AREA	
10. Test Method : STP No.: N <sub>o</sub> , Issue No.01 & Date:01.04.2014, (Based on Instruction manual) Using noise level Meter with Data Logger.	

[C] RESULT OF SAMPLE :

Code	Unit	Time	Results
N17	db(A)	22:00	66.8
N18	db(A)	23:00	67.1
N19	db(A)	00:00	67.6
N20	db(A)	1:00	67.8
N21	db(A)	2:00	68.2
N22	db(A)	3:00	67.6
N23	db(A)	4:00	67.4
N24	db(A)	5:00	67.1

Note :

En-Vision Environmental Services, (Testing Laboratory), Surat

Note:

The results relate only to the items tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Fmt No: LAB/FM/08 Revision No: 00 Date: 07.12.18

Tested By:

Mr. Vasant Shah  
(Technical Manager)

End of Report

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE-XI**

**INDUSTRIAL RISK LIABILITY (INSURANCE POLICY)**

*Public liab*

THE NEW INDIA ASSURANCE CO. LTD.  
(Government of India Undertaking)



**PROVISIONAL CONSOLIDATED STATE DUTY PAID BY REGIONAL OFFICE**



**POLICY SCHEDULE FOR PUBLIC LIABILITY (Industrial Risks) INSURANCE**

**UIN NUMBER - IRDAN190P0078100001**

<b>Insured's Name</b>	SHREE DURGA SYNTAX PVT. LTD.		
<b>Customer ID</b>	PO55693549	<b>Office Code</b>	CITY BRANCH B.O-I (230101)
<b>Address</b>	BLOCK NO. 128/129/130 & 175, PLOT NO. Z & E, S.N. NO. 113/1, 120 & 120/1, VILLAGE: JOLVA, TAL: PALSANA, SURAT. CHALTHAN, GUJARAT, 394305	<b>Address</b>	1ST FLOOR, CENTER POINT NEAR KADIWALA HIGH SCHOOL RING ROAD, SURAT, 395002
<b>Phone No</b>	XXXXXX6683	<b>Phone No</b>	02612464736 / 02612464737
<b>E-mail/Fax</b>	digupta03@gmail.com, /	<b>E-mail/Fax</b>	nia.230101@newindia.co.in / 02612463921
<b>PAN No</b>	AABCD8894P	<b>S.Tax Regn. No</b>	AAACN4165CST178
<b>GSTIN/UIN</b>	24AABCD8894P1ZV / NA	<b>GSTIN</b>	24AAACN4165C2ZW
		<b>SAC</b>	997139 (Other non-life insurance services excl RI)

<b>Policy Details</b>			
<b>Policy Number</b>	23010136210600000010	<b>Business Source Code</b>	DIRECT BUSINESS - (1D4317076)
<b>Period of Insurance</b>	From: 01/02/2022 12:00:01 AM To: 31/01/2023 11:59:59 PM	<b>Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User</b>	
<b>Date of Proposal</b>	01-Feb-22	<b>Agent/Bancassurance/S pecified Person</b>	Mr. JAGDISHKUMAR, KHIMCHAND KHATRI (NIAAG00078169) JAGDISHKUMAR, KHATRI (SI00204874)
<b>Prev. Policy no.</b>	23010136200600000007	<b>Phone No</b>	9067690674 / NA
<b>Client Type</b>	Corporate	<b>E-mail/Fax</b>	er.jagdish.khatr@gmail.com, / /

<b>Premium(₹)</b>	<b>GST(₹)</b>	<b>Total(₹)</b>	<b>Total (₹ in words)</b>	<b>Receipt No. &amp; Date</b>
109398	19692	129090	RUPEES ONE LAC TWENTY-NINE THOUSAND NINETY ONLY	2301018121000002222 2 - 31/01/22

**Details of risk covered under current year policy:**

Retroactive Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
01/02/2018	India	50000000	1:1	50000000	AMT	250000	0	0

**Retroactive Dates**

Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 1	01/02/2018	India	50000000	1:1	50000000	AMT	250000	0	0

Signature valid  
Digitally signed by VANDANA VASANTHARAN Date: 2022.01.31 16:25:16 IST

Policy No. : 23010136210600000010 Document generated by 30184 at 31/01/2022 15:25:04 Hours.  
Regd. & Head Office: New India Assurance Bldg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415.

Page 1 of 3

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

THE NEW INDIA ASSURANCE CO. LTD.  
(Government of India Undertaking)



RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Number of Units	Voluntary Excess
3	0

Type of Manufacturing unit
Manmade yarn/fibre manufacturing

**Extensions under the Policy**

Name of the Extension	Sub limit of the Extension	Deductibles of the Extension
Accidental pollution liability	0	As Per Policy Deductible
Carriage of effluents (Outside) the premises	0	As Per Policy Deductible
Godown cover	0	As Per Policy Deductible
Act of GOD cover	0	As Per Policy Deductible

Special Conditions	All coverages, exclusions, warranties, terms and conditions shall be as per Standard Public Liability – Industrial Risk Insurance Policy. RO APPROVAL DT 01/08/2020 (1) BLOCK NO 128 129 130 & 175 PLOT NO 2&#36;E 5 NO 113/1 120&120/1 VILLAGE JOLWA TA PALSANA SURAT (2) BLOCK NO 310 PAIKI PLOT NO 28 PAIKI PLOT NO 27 AND BLOCK NO 311 PAIKI PLOT NO 28 SECOMD FLOOR VILLAGE TANTITHAIYA TA PALSANA SURAT
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Special Exclusions	NA
Special Excess/Deductible	NA

This Policy shall be subject to PUBLIC LIABILITY INSURANCE policy clauses attached herewith

**Premium and GST Details**

	Rate of Tax	Amount in INR
Premium		₹ 109398.00
SGST	9	9846
CGST	9	9846
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 31st day of January, 2022.

For and on behalf of  
The New India Assurance Company Limited

Date of Issue: 31/01/2022



Stamp Duty under the Policy is ₹1/-.

Mudrank \_\_\_\_\_ Dt. \_\_\_\_\_ consolidated Stamp Fees Paid by Pay Order Number \_\_\_\_\_ vide receipt number \_\_\_\_\_ dt. \_\_\_\_\_.

Tax Invoice No : 23010121E0038760

Policy No. : 2301013621060000010 Document generated by 30184 at 31/01/2022 15:25:04 Hours.  
Regd. & Head Office: New India Assurance Bldg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415.

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

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THE NEW INDIA ASSURANCE CO. LTD.  
(Government of India Undertaking)



IRDA Registration Number: 190

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE- XII**

**CSR ACTIVITY**

CSR activities carried out during **October 2021 to March 2022** are as follows: -

<b>Date</b>	<b>Particular</b>	<b>Amt.</b>
29.10.2021	GOPAL GAU JANHIT SEVA SANGH	60,000.00
26.11.2021	SHREE MAHAVIR HELATH AND MEDICAL RELIF SOCIETY	6,000,000.00
13.12.2021	GOPAL GAU JANHIT SEVA SANGH	280,000.00
15.12.2021	VIBGYOR SANNTHAN	51,000.00
25.03.2022	SRI AAKHIL BHARAT VARSHIYA SADHUMARGIYA SHANT	500,000.00
31.03.2022	MUKUL TRUST	100,000.00
31.03.2022	GURUKUL B.L. MOHATA LEARNING SANSTHAN	387,000.00
<b>TOTAL</b>		



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period - OCTOBER 2021 TO MARCH 2022**

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25/02/2018 (25/12/2018)

**ગુજરાત સમાચાર (સુરત આવૃત્તિ) ૧૩**

**ની મહારેલીમાં શિવસેના પ્રમુખ ઉદ્ધવ ઠાકરે આક્રમક મૂડમાં મુદ્દે ભાજપ વલણ સ્પષ્ટ કરે પછી ની વાત વિચારીશ : ઉદ્ધવ ઠાકરે**

પંદરપુર, તા. ૨૪

પંદરપુરમાં મહારેલી સંબોધી હતી. ભાજપમાં આક્રમક સાબ્દિક પ્રહારો કર્યા હતા. એનડીએ

ને ઉદ્ધવ ઠાકરેએ રાફેલ મુદ્દે મોદીને ટોણો માર્યો : હથિયારો અને ગોલા-કેન્દ્ર સરકાર ભ્રષ્ટાચાર કરતી હોવાનો શિવસેનાના પ્રમુખનો આરોપ

ઉદ્ધવ ઠાકરેએ મોદીને ટોણો મારતા કહ્યું હતું કે તમે બરા જાણો છો કે આજકાલ તો ચોકીદાર પણ ચોર નીકળે છે. રાફેલ મુદ્દે કોંગ્રેસ પ્રમુખ રાહુલ ગાંધી મોદીના ચંદનગાં ચોકીદાર હી ચોર હોઈને પ્રહારો કરે છે. શિવસેનાના પ્રમુખે પણ પ્રથમ વખત એ શબ્દનો પ્રયોગ કર્યો હતો. રાફેલ ઉપરાંત ચીન-યન, શરેગોની મરીદીમાં સરકાર

ભ્રષ્ટાચાર કરતી હોવાનો આરોપ પણ ઉદ્ધવ ઠાકરેએ મૂક્યો હતો. ઉદ્ધવ ઠાકરેએ કહ્યું હતું કે હું અયોધ્યાની મુલાકાત પછી હવે વડાપ્રધાનના મતવિસ્તાર વારાણસીમાં પણ જઈ શકું છું. વારાણસીથી રામ મંદિરના નિર્માણનો સંકલ્પ વધુ તીવ્ર બનાવવાનો સંકેત ઉદ્ધવ ઠાકરે આપ્યો હતો. ભાજપ અને મોદીની સાથે સાથે ઉદ્ધવ ઠાકરેએ એનડીએના સાથીઓના નેતાઓને પણ નિશાન બનાવ્યા હતા. શિવસેનાના પ્રમુખે કહ્યું હતું કે એક રાખરે સંવત્સુક્ત દેશની વાત કરતા નીતીશક્તિમાર સાથે ગડબંધન જાળવી રાખતા ભાજપે નીતીશક્તિમારને પૂછવું જોઈએ કે રામ મંદિર નિર્માણ બાબતે તેનું વલણ શું છે? પાસવાનો મત પણ ભાજપે જાણવો જોઈએ.

**જાહેર સૂચના**

આ સાથે જણાવવામાં આવે છે કે સ્ટે લેવલ એન્વિરોન્મેન્ટલ ઈમ્પેક્ટ એસેસમેન્ટ ઓથોરિટી ગુજરાત દ્વારા પત્ર નંબર SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018 તારીખ ૧૪ ડિસેમ્બર ૨૦૧૮ના રોજ.

મેસર્સ શ્રી દુર્ગા સિન્ટેક્સ પ્રાઇવેટ લિમિટેડ ના પ્લોટ નં. E & Z, બ્લોક નં. ૧૨૮, ૧૨૯, ૧૩૦ અને ૧૭૫ ગામ જોખવા તા. પલસાણા, જી. સુરત ખાતેની પ્રસ્તાવિત વિસ્તરણ પરિયોજના શ્રી દુર્ગા સિન્ટેક્સ પ્રાઇવેટ લિમિટેડ ને ઈઆઈએ નોટિફિકેશન તારીખ ૧૪ સપ્ટેમ્બર ૨૦૦૬ ની જોગવાઈ હેઠળ એન્વિરોન્મેન્ટલ ક્લિયરન્સ આપેલ છે.

ક્લિયરન્સ પત્રની ૫૬લ સ્ટેટ લેવલ એન્વિરોન્મેન્ટલ ઈમ્પેક્ટ એસેસમેન્ટ ઓથોરિટી ગુજરાતની વેબસાઇટ [www.seiaa.gujarat.gov.in](http://www.seiaa.gujarat.gov.in) ઉપર તથા ગુજરાત પ્રદુષણ નિયંત્રણ ઓફિસ પંચાવરણ ભવન સેક્ટર ૧૦ એ સાંધીનગર ૩૮૨૦૧૦ ઉપર ઉપલબ્ધ છે.

સુરત: પત્રી  
સુરત : ૨૪/૧૨/૨૦૧૮ શ્રી દુર્ગા સિન્ટેક્સ પ્રાઇવેટ લિમિટેડ

સંપર્ક: ૧૬૬૬૧૧૧૧૧૧ (સુરત)

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

**ANNEXURE XIV**

**FUEL CONSUMPTION**

<b>SN</b>	<b>Month</b>	<b>COAL (MT/Month)</b>
<b>1</b>	<b>October 2021</b>	<b>9,405</b>
<b>2</b>	<b>November 2021</b>	<b>9,655</b>
<b>3</b>	<b>December 2021</b>	<b>3,589</b>
<b>4</b>	<b>January 2022</b>	<b>2,700</b>
<b>5</b>	<b>February 2022</b>	<b>6,603</b>
<b>6</b>	<b>March 2022</b>	<b>17,900</b>

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**ANNEXURE XV**

**NOC COPY OF PROPOSED EXPANSION**



**GUJARAT POLLUTION CONTROL BOARD**

**PARYAVARAN BHAVAN  
Sector-10-A, Gandhinagar 382 010**

**Phone : (079) 23222425**

**(079) 23232152**

**Fax : (079) 23232156**

**Website : www.gpcb.gov.in**

**\*Consent to Establish-Amendment  
(CTE-92897)**

**BY R.P.A.D.**

**Date:**

**NO: GPCB/CCA-SRT-995(4)/ID\_21289/**

**To,**

**M/s. Shree Durga Syntex Pvt. Ltd.**

**Plot No:- Z & E, Block No: 128,129,130, & 175,**

**Vill:- Jolva:- 394305,**

**Tal:- Palsana, Dist:- Surat.**

**Sub- Consent to Establish (NOC)-Amendment under Section 25 of Water Act 1974 and Section 21 of Air Act 1981**

**Ref: 1) Your application for CTE-Amendment no. 133003, received Dated: 05-03-2018.**

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish-Amendment for enhancement of existing production capacity and addition of new products, installation of new Steam Boiler & Thermic fluid heater in existing industrial plant/activities located at Plot No:- Z & E, Block No:- 128,129,130, & 175, Vill:- Jolva:- 394305, Tal:- Palsana, Dist:- Surat, for the manufacturing of the following items:-**

Sr. No.	Product	Quantity as per CCA dated:23/07/2017	Proposed quantity as per CTE-Amendment quantity	Total quantity after CTE-Amendment
1	Fully Drawn Yarn	300 Tons/Day	200 Tons/Day	500 Tons/Day
2	Grey Cloth	2,50,000 Meters/Day	---	2,50,000 Meters/Day
3	Polyester Chips	600 Tons/Day	200 Tons/Day	800 Tons/Day
4	Power	3.25 MW 9.0 MW (Bagasse/gas based CPP)	21.0 MW (Coal/Lignite Based CPP)	33.25 MW
5	Partially Oriented Yarn/Texturised Yarn	---	300 Tons/Day	300 Tons/Day
6	Nylon-6 Chips/Nylon Yarn	---	200 Tons/Day	200 Tons/Day
<b>By-Product</b>				
1	Nylon Lumps	---	1.0 tones/day	1.0 tones/day

**SUBJECT TO THE FOLLOWING CONDITIONS:-**

- The validity of this order will be up to years i.e. 09-05-2023.**
- Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).**

**Clean Gujarat Green Gujarat**  
ISO-9001-2008 & ISO-14001: 2004 Certified Organisation

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

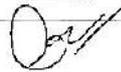
**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

3. As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'.
4. Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water.
5. Unit shall comply with Solid Fuel Guidelines as well as Coal handling guidelines of the Board.
6. Industry shall provide dedicated storage facility for fly ash.
7. Industry shall comply with fly ash notification 1999 as amended from time to time.

**CONDITIONS UNDER WATER ACT 1974:**

1. Water Source: - Borewell.
2. The quantity of the fresh water consumption for industrial purpose, after proposed expansion, shall be increased from 774 KL/Day to 1109 KL/Day.
3. The quantity of the water consumption for domestic purpose, after proposed expansion, shall be increased from 25 KL/Day to 30 KL/Day.
4. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations, after proposed expansion, shall be increased from 180 KL/Day to 549 KL/Day (Total Booked load in CETP: 420 KL/Day)
5. Industrial effluent, after necessary treatment shall be reused up to (397 KL/Day) & remaining shall be sent to CETP for further treatment. In no case industrial discharge of CETP shall increase 420 KL/Day.
6. Industry shall provide fixed pipeline with flow meter for the reuse of effluent and maintain its records.
7. The effluent treatment plant consisting of the following units, as proposed by you, shall be installed.
  - Screen chamber
  - Oil separation tank
  - Non pollution discarded water storage tank
  - Water transfer pump capacity
8. The quantity of the domestic waste water (Sewage), after proposed expansion, shall be increased from 22 KL/Day to 26 KL/Day.
9. Domestic effluent shall be disposed off through septic tank/soak pit system.
10. The applicant shall operate effluent treatment system efficiently so that effluent from the industrial unit shall conform to the CETP inlet norms mentioned below however the final discharge of treated effluent from CETP shall adhere to the prescribed standards for CETP of M/s. Palsana Enviro Protection Ltd(PEPL).

PARAMETERS	CETP INLET NORMS
PH	6.5 TO 8.5
Temperature	40° C
Colour (pt.co.scale) in-units	100 units
Suspended Solids	300 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20°C)	400 mg/l
COD	1000 mg/l



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

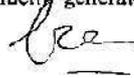
Total Dissolved Solids	2100 mg/l
------------------------	-----------

11. The final treated effluent conforming to the above standards shall be fully conveyed into CETP of M/s. Palsana Enviro Protection Ltd(PEPL) through underground drainage system of PEPL & in no case effluent shall be discharged in to Environment by any means.
12. In case of failure of CETP, applicant shall have to treat the trade effluent of their unit fully so as to achieve the quality of the treated effluent from their industrial premises as per the GPCB norms mentioned below:-

PARAMETERS	GPCB NORMS
PH	6.5 TO 8.5
Temperature	40° C
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2.0 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20°C)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l

**OR**

- The applicant shall either stop or curtail its production activities, if the effluent is not adequately treated by the CETP of PEPL to conform to the standards specified by G.P.C.B.
13. The applicant shall be responsible for conveyance of entire treated effluent to the CETP of M/s. PEPL & due care shall be taken to avoid any leakage or spillage of effluent during conveyance of treated effluent through drain.
  14. Unit shall provide flow meters at inlet & outlet of ETP & maintain its record.
  15. The applicant shall inform renewal/termination of CETP membership well in advance to GPCB.
  16. The applicant shall be required to make storage facilities of adequate capacity to store the primary treated effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.
  17. The applicant shall make fixed arrangement for disposal of the effluent, after primary treatment to the CETP. The unit shall not keep any by-pass line or system or loose or flexible pipe line for discharging effluent into the underground drainage system of PEPL.
  18. Leachate from the hazardous solid waste, if any, shall also be connected into a collection tank through leachate collection facilities and shall be conveyed alongwith industrial effluent to the CETP of PEPL.
  19. Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent discharging in to underground drainage system of PEPL.
  20. The ENTIRE quantity of industrial effluent shall have to be conveyed by PEPL. In no circumstances the effluent either treated or untreated shall be discharged any where else.
  21. Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
  22. PEPL member unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed in let standards.
  23. The applicant shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

electricity on day to day basis and required to submit the complied record of one month to GPCB & PEPL on or before fifth day of the succeeding month.

24. In case of shut-down of plant for more than three days for any reason, the PEPL unit member shall intimate to PEPL authority & GPCB well in advance for the better operation & management of CETP.
25. The authorized representative of PEPL may have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of the applicant.
26. If the PEPL authority terminates the membership of the applicant for CETP, the PEPL member unit shall have to close down the manufacturing activities/industrial operation of the process plant immediately until the PEPL membership is resumed.
27. The applicant shall put up at the entrance a board displaying PEPL membership number & date of joining of PEPL, the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of DGVCL.

**CONDITIONS UNDER AIR ACT 1981:**

28. The following shall be used as fuel in Steam Boiler, CPP Engines, & Thermic Fluid Heater and D.G.Set respectively.

Sr. No.	Fuel	Existing	Proposed	Quantity
1)	Imported Coal	80 Tons/day	450 tons/day	530 tons/day
	Lignite	-----	700 tons/day	700 tons/day
2)	Natural gas	76875 sq.cm/day	----	76875 sq.cm/day
3)	LDO	100 m <sup>3</sup> /day	----	100 m <sup>3</sup> /day
4)	Baggase	250 tons/day	-----	250 tons/day
5)	LDO			57 Lit/hr

29. The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.
30. The flue gas emission through team Boiler, CPP Engines, & Thermic Fluid Heater and D.G.Set stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
<b>Existing</b>					
1 to 3	Natural Gas Based CPP Engines - 3 Nos.	30 (each)	----	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
4	Natural Gas Based Steam Boiler (1 TPH)	11	----	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
5	Coal Based Thermic Fluid Heater (14000 U)	50	Electrostatic Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
6	Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by	20		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

7	Natural Gas & LDO/FO Based Thermic Fluid Heater (10000 U) × 2 One Stand by	35		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
8	Captive Power Plant (9 MW)	80	Electro Static Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
<b>Proposed</b>					
1	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW)	80	Economizer, Air Pre-heater, ESP	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
2	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW)				
3	Thermic Fluid Heater (Coal based) (18 million Kcal/hr)	50	FSP	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
4	Steam Boiler (2 TPH)				

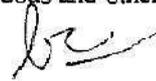
31. There shall be no process emission from the manufacturing process as well as any other ancillary process.
32. Industry shall take adequate measure to Control dusting due to storage, transportation & handling of Coal & fly ash.
33. Industry shall comply with Coal handling guideline of the Board.
34. Industry shall comply with fly ash notification 1999 as amended from time to time.
35. Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
36. The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the sources (other than the stack/vent) shall not exceed the following levels.

PARAMETERS	PERMISSIBLE LIMIT
PM 10	100 Microgram/M3
PM 2.5	60 Microgram/M3
SO <sub>2</sub>	80 Microgram/M3
NO <sub>x</sub>	80 Microgram/M3

37. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(A) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

**CONDITIONS UNDER HAZARDOUS WASTE RULES:**

38. Applicant shall have to comply with provisions of Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.



Outward No. 0328-0510-2018

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

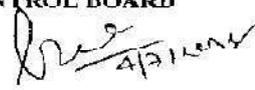
**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat**

39. The applicant shall obtain membership of common TSDI site for disposal of Hazardous waste as categorized in Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
40. The applicant shall obtain membership of common Hazardous Waste incinerator for disposal of incinerable waste.
41. The applicant shall provide temporary storage facilities for each type of Hazardous Waste as per Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
42. The applicant shall obtain registration/authorization for recycling/reprocessing any hazardous waste before procuring material/starting production as per HW Rules 2016.
43. The applicant shall obtain authorization for recovery/reuses of any hazardous waste material as per HW Rules 2016.

**GENERAL CONDITION :**

44. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 3 meters width is developed.
45. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
46. In case of change of ownership/management the name and address of the new owners /partners/ directors/ proprietor should immediately be intimated to the Board.
47. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
48. The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
49. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:  
Between 6 A.M. and 10 P.M. : 75 dB(A)  
Between 10 P.M. and 6 A.M. : 70 dB(A)
50. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
51. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case they are obliged to pay the compensation as determined by the competent authority.

**For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD**

  
**(Smt U.K. Upadhyay)  
Environmental Engineer**

Outward No: 460328/051/2018

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

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**ANNEXURE XVI**

**EC COPY 2009**

**F. No. J-11011/98/2009- IA II (I)  
Government of India  
Ministry of Environment and Forests  
(I.A. Division)**

**Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi – 110 003**

**E-mail : [plahujarai@yahoo.com](mailto:plahujarai@yahoo.com)**

**Telefax: 011 – 2436 3973**

**Dated: April 13, 2009**

To,  
The Director  
**M/s Shree Durga Syntex Pvt. Ltd**  
Block no. 129 & 175, plot no. Z & E, Village: Jolva  
Taluka: Palsana, Dist: Surat, Gujarat

E-mail : [shreedurgasyntex@yahoo.co.in](mailto:shreedurgasyntex@yahoo.co.in)

Subject: Expansion project for Fully drawn Yarn, polyester Chips & Captive power plant at block no. 129 & 175, plot no. Z & E, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat by M/s Shree Durga Syntex Pvt. Ltd - reg environmental clearance

**Sir,**

This has reference to your letter no. Nil Dated 6<sup>th</sup> February, 2009 along with Form-1 and pre-feasibility report on the above mentioned subject seeking environmental clearance under the Environmental Impact Assessment Notification, 2006.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that M/s Shree Durga Syntex Pvt. Ltd have proposed for expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant at block no. 129 & 175, plot no. Z & E, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat. The production capacity of Fully Drawn yarn will increase from 40 MTPD to 300 MTPD and captive power plant will increase from 3.25 MW to 12.25 MW. It is proposed to manufacture 600 MTPD of polyester chips by continuous polymerization. It is proposed to increase production capacity along with backward integration of polyester chips/ liquid polyester to avoid melting process of polyester chips for producing FDY. No eco-sensitive areas are located within 10 km radius of the plant. The proposed expansion will be carried within the existing unit having land area of 9000 m<sup>2</sup>, of which green belt will be developed in 33% of the total land area. Cost of the project is Rs.150.00 Crores, of which Rs. 30.00 lacs is earmarked for Environmental Protection Measures.

3.0 The total water requirement after the expansion will be 799 m<sup>3</sup>/d, which will be sourced from ground water source. Permission for drawl of 315m<sup>3</sup>/d of ground water was obtained on 12.10.2007. The waste water generation will be 202 m<sup>3</sup>/day. The domestic effluent (22m<sup>3</sup>/d) will be disposed of into septic tank followed by soak pit. Source of industrial wastewater (180 m<sup>3</sup>/d. will be from floor washing, cooling blow down, DM back wash and process condensate. The wastewater after passing through settling tank will be discharged in to the pipeline of PEPL, leading to PEPL- CETP. Power requirement will be met through the Captive power plant. Fuel requirement will be natural gas (72,000 m<sup>3</sup>/day) or FO/LDO (100 m<sup>3</sup>/day) Stack height of 30 m is proposed for existing Gas Engine(3Nos) and 50 m for proposed DG sets (3 nos), 30 m for proposed Gas Engine(3Nos) and 65 m for proposed DG sets (3 nos). Stack height of 11 m is proposed for steam boiler. There will not be any solid waste generation from the process or ETP.

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4.0 The Petrochemical based processing units are listed at serial no. 5(e) of schedule of EIA Notification, 2006 and categorized under "A" or "B" category depending upon the location of the plant outside or inside the notified industrial area. In the instant case, the unit is located outside the industrial area hence this is a category "A" project and appraised by the Expert Appraisal committee (I) at centre.

5.0 The proposal was considered by the Expert Appraisal Committee (Industry) in its 92nd meeting held on 18<sup>th</sup> -20<sup>th</sup> March, 2009. The EAC (I) recommended the proposal for grant of

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**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

environmental clearance under para 7(ii) of EIA Notification, 2006 exempting the project from preparation of EIA report and public hearing.

6.0 Based on the information submitted by the project authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14<sup>th</sup> September 2006 subject to the compliance of the following Specific and General Conditions:

**A. SPECIFIC CONDITIONS:**

- i. The industrial effluent generation shall not exceed 180m<sup>3</sup>/d. The effluent after treatment in the ETP and conforming to the prescribed standards shall be discharged into the pipeline of PEPL leading to CETP. The domestic effluent (22m<sup>3</sup>/d) shall be disposed through septic tank/soak pit.
- ii. There shall not be any process emissions due to the proposed activity. For dispersion of gaseous emissions from the steam boiler and DG sets, adequate height as per CPCB standards shall be provided. Acoustic enclosures / treatment shall be given to the DG sets to mitigate noise pollution. Measures for control of NO<sub>x</sub> emissions shall be undertaken.
- iii. The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The criteria pollutant levels namely: SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- iv. The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be *as per* the MVA, 1989.

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- i. The company shall undertake following Waste Minimization measures :-

Metering and control of quantities of active ingredients to minimize waste.

Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.

Use of automated filling to minimize spillage.

Use of "Close Feed" system into batch reactors.

**Venting equipment through vapour recovery system.**

**Use of high pressure hoses for equipment clearing to reduce wastewater generation.**

- ii. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by GPCB.
- iii. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.
- iv. The adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.
- v. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vi. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- vii. 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

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regular basis. Training to all employees on handling of chemicals shall be imparted.

viii. Usage of PPEs by all employees/ workers shall be ensured.

ix. Permission to draw ground water shall be undertaken from the CGWB / State Ground Water Authority) as may be applicable to this case.

x. The company shall undertake rainwater harvesting measures to recharge the ground water as well as reduced consumption of water.

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**B. GENERAL CONDITIONS:**

i. The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.

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 measures required, if any.

iii. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.

iv. The gaseous emissions (NO<sub>x</sub>, SO<sub>2</sub> and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO<sub>2</sub>, NO<sub>x</sub> and SPM shall be carried.

v. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.

vi. Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.

vii. 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).

viii. The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in respect of environmental management and risk mitigation measures relating to the project shall be implemented.

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ix. The company will undertake all relevant measures for improving the Socio-economic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration

x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

xii. The project authorities shall earmark adequate funds 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 provided shall not be diverted for any other purpose.

xiii. The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.

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xiv. A copy of the clearance letter shall be sent by the 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.

xv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated E C 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 State Pollution Control Board.

xvi. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter 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 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.

xvii. 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.

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7.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

8.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

9.0 Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003/ 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

**(Dr.P.L. Ahujarai)**  
**Director**

**Copy to:**

1. The Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar-382 010, Gujarat.
2. The Chief Conservator of Forests (Western Zone), Ministry of Environment & Forests, Regional Office, E-5, Arera Colony, Link Road -3, Bhopal -462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043, Gujarat.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File/Monitoring File/Record File.

**(Dr.P.L. Ahujarai)**  
**Director**

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**ANNEXURE XVII**

**EC COPY 2018**

<b>S. M. SAIYAD, IFS MEMBER SECRETARY SEIAA (GUJARAT)</b>				<b>STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY GUJARAT</b>		
Government of Gujarat						
<b>No. SEIAA/GUJ/EC/5(d)&amp;1(d)/1346/2018</b>			<b>Date: 14 DEC 2018</b> By R P A D			
Sub: Environment Clearance to M/s. Shree Durga Syntex Pvt Ltd. for setting up expansion of Manmade Fibre manufacturing plant and CPP at Plot No. E & Z, Block No 128, 129, 130 & 175, Vill. Jolwa, Ta.: Palsana, Dist: Surat. In Category 5(d)&1(d) of Schedule annexed with EIA Notification dated 14/09/2006.						
Ref: Your Proposal No. SIA/GJ/IND2/18454/2017.						
Dear Sir,						
This has reference to your application along with Form-I dated 14/07/2018 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006 and additional information / documents submitted vide letter dated 19/09/2018 to the SEAC.						
The proposal is for Environmental Clearance to M/s. Shree Durga Syntex Pvt Ltd. for setting up expansion of Manmade Fibre manufacturing plant and CPP at Plot No. E & Z, Block No 128, 129, 130 & 175, Vill. Jolwa, Ta.: Palsana, Dist: Surat. It is an existing unit for manufacturing following products, which falls in the category - 5(d)&1(d) of the schedule of the EIA Notification-2006:						
Sr. no.	Name of the Products	CAS no. / CI no.	Quantity			End-use of the products
			Existing	Proposed	Total	
1	Polyester Chips	-	600 Tons/day	200 Tons/day	800 Tons/day	POY/FDY/ Making Fabric
2	Fully Drawn Yarn (FDY)	-	300 Tons/day	200 Tons/day	500 Tons/day	Making Fabric
3	Partially Oriented Yarn (POY)/ Texturised Yarn	-	--	300 Tons/day	300 Tons/day	Making Fabric
4	Nylon- 6 Chips/ Nylon Yarn	-	--	200 Tons/day	200 Tons/day	Making Fabric
5	Power	-	3.25 MW (Natural Gas Based) 9.0 MW (Biomass (Agro waste/baggase) & Coal (15% as auxiliary fuel) based Captive power plant)	21.0 MW (Coal/ Lignite Based) Captive power Plant	33.25 MW	Power Generation
<b>By-Product</b>						
6	Nylon Polymer Lumps	-	--	1.0 Tons/day	1.0 Tons/day	

The project activity is covered in 5(d)&1(d) and is of 'B' Category. Public hearing was conducted on 22/02/2018.

The SEAC, Gujarat vide their letter dated 22/11/2018 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 16/10/2018. The proposal was considered by SEIAA, Gujarat in its meeting held on 28/11/2018 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to the compliance of the following conditions.

**A. CONDITIONS**

**A. 1 SPECIFIC CONDITION :**

1. Unit shall adopt proper methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (Prevention and Control of Pollution) act, 1974 issued by CPCB regarding compliance of CETP.

Unit shall not exceed waste water discharge quantity into CETP of M/s: PEPL as mentioned in the existing CC&A.

Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Page 1 of 7  
Phone No.:- (079) 232-32152,232-41514 Fax No.:- (079) 232-22784  
E-mail : msseiaagi@gmail.com, Website:- www.seiaa.gujarat.gov.in

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3. Unit shall comply the emission standards mentioned in the Notification by MoEF&CC vide no. S.O. 3305 (F) dated 07/12/2015 and amended time to time.
4. Unit shall use only imported coal as a fuel for proposed captive power plant and lignite shall be used only in unavoidable circumstance as per undertaking submitted. In such situation, lignite consumption shall not exceed 4900 MT/Month considering 700 MT/Day X 7 days).
5. Process Waste (Oligomer) (10 MT/Month) shall be sold out to the authorized actual users only.

**A. 2 WATER:**

6. Total water requirement for the project shall not exceed 4307 KLD. Unit shall reuse 2555 KLD of waste water from RO Permeate and Boiler condensate for Cooling tower and Boiler respectively. Hence, fresh water requirement shall not exceed 1139 KLD and it shall be met through 3-Nos. of existing Bore well. Prior permission from the concerned authority shall be obtained for withdrawal of water.
7. No ground water shall be tapped for the project requirements without prior permission from the competent authority.
8. Total Industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed).
9. Unit shall continue to discharge 180 KLD of treated waste water to CETP-PEPL as per the existing CC&A. Ensure that there is no additional discharge to CETP.
10. Additional waste water to be generated from the proposed expansion shall not exceed 369 KLD and it shall be treated in proposed ETP followed by RO system (Cap. 400 KLD) & MEE system (Cap. 150 KLD).
11. RO permeate (240 KLD) and MEE condensate (127 KLD) shall be reused for cooling tower makeup.
12. Wastewater generated from washing activity for existing facility (40 KLD) shall be sent to CETP after treatment in existing ETP. Waste water generated from proposed washing activity (79 KLD) will be treated in proposed ETP, MF/UF & 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower make up water.
13. Wastewater generated from existing utilities (Boiler – 26 KLD & Cooling – 114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler – 178 KLD & Cooling – 112 KLD) will be treated in MF/UF & 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower make up water.
14. The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in to the soak pit/septic tank.
15. Proper logbooks of ETP, water consumption, power consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time.
16. The unit shall provide metering facility at the Inlet & outlet of the ETP, RO, MEE system & reuse system and maintain records for the same.
17. Proper logbooks of ETP, RO, MEE system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.
18. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

**A. 3 AIR:**

19. Unit shall not exceed fuel consumption for Steam Boiler and stand-by DG set as mentioned below:

Existing						
Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions	Air Pollution Control Measures (APCM)
1	Steam boiler	11 m	WHRB		SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
2	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.)	20 m (Common)	Natural Gas	22440 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)				SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
4	Thermic Fluid Heater (Natural Gas Based/LDO) (10 Million Kcal/Hr.)	35.0 m (Common)			SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height

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5	Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Stand by)		LDO	100 m <sup>3</sup> /day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
6	Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.)	50.0 m	Coal	80 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator
7	Steam boiler (1 TPH)	11 m	Natural Gas	51500 sq.cm/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Adequate Stack height
8	* Natural Gas Based CPP Engines(3.25 MW)	30 m				Adequate Stack height
9	Steam Boiler (40 TPH) for Biomass (Agrowaste/baggase) & Coal (15% as auxiliary fuel) based Power Plant (9 MW) #	80.0 m	Bagasse& 15% Coal	250 ton/day & 35 MT/Day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator

**Proposed**

Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
1	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) #	80.0 m	Imported Coal/Lignite	450 tons/day or 700 tons/day	SPM SO <sub>2</sub> NO <sub>x</sub>	Economizer, Air Pre-heater, Electrostatic Precipitator
2	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) #					
3	Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.)	50.0 m			SPM SO <sub>2</sub> NO <sub>x</sub>	Electrostatic Precipitator (ESP)
4	Steam boiler (2 TPH)					



20. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:
21. There shall be no process gas emission from existing as well as from the proposed project.
22. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained.
23. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through a reputed Institute and results thereof analyzed regularly and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (including bottom ash) shall be put in place.
24. A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam Boiler. Mercury emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. 13 above regarding height of the Boiler stack.
25. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of flue gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emission does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way that if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 as amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets with the specified standards or boiler shall shut down totally.
26. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through a reputed institute / organization.
27. Lime stone injection technology shall be adopted to control SO<sub>2</sub> and it shall be ensured that SO<sub>2</sub> levels in the ambient air do not exceed the prescribed standards.
28. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts of ESPs and assign responsibility of preventive maintenance to the senior officer of the company.
29. Measures shall be taken to reduce the process vapors emissions as far as possible.
30. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.
31. Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular

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movement.

32. Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
33. A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.
34. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
35. For control of fugitive emission, VOCs, following steps shall be followed :
36. Closed handling and charging system shall be provided for chemicals.
37. Pumps shall be provided with mechanical seals to prevent leakages.
38. Airborne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.
39. Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx & VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

**A. 4 SOLID / HAZARDOUS WASTE:**

40. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
41. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
42. Hazardous / Solid waste management shall be as below:

Sr. no.	Type of Hazardous waste	Source of generation	Category per HW Rules.	Quantity (MT/Annum)			Disposal Method
				Existing	Proposed	Total	
1	Used Oil	Maintenance	5.1	1.0 KI/Year	2.0 KI/Year	3.0 KI/Year	Sent To GPCB Approved Recycler For Suitable Treatment
2	Discarded Containers/ Barrels/Liners/ Carboys/ Bags/ Plastic waste	Raw Material / Production	33.1	10 Tons /Year	15 Tons/Year	25 Tons/Year	Sent Back to Supplier/ To GPCB approved Recycler
3	Chemical Sludge from ETP	ETP	35.3	25.0 Tons/Year	50.0 Tons/Year	75.0 Tons/Year	Collection, Storage Transportation, Disposal at TSDF site (NECL, Nandesari, Baroda)
4	Process Waste (Oligomer)	Process	24.1	Nil	300.0 Tons/Year	300.0 Tons/Year	Collection, Storage Transportation, Disposal at TSDF site (NECL, Nandesari, Baroda)
5	Fly Ash from Boiler	Boiler	---	Nil	24000 Tons/Year	24000 Tons/Year	Sent To authorized Brick Manufacturer

43. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 201
44. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.
45. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
46. The design of the Trucks/tankers shall be such that there is no spillage during transportation
47. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
48. Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.

**COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:**

**F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018**

**Period – OCTOBER 2021 TO MARCH 2022**

**Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat, Gujarat**

**A. 5 SAFETY:**

49. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.
50. Project specific process Safety Management System shall be developed as per the prevailing norms and it shall be implemented in letter and spirit.
51. Unit shall adopt automation system along with high safety measures for polymerization process.
52. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
53. First Aid Box shall be made readily available in adequate quantity at all the times.
54. Main entry and exit shall be separate and clearly marked in the facility.
55. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
56. Storage of flammable chemicals shall be sufficiently away from the production area.
57. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
58. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
59. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
60. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
61. Flame proof electrical fittings shall be provided in flame proof zones or wherever applicable in Plant premises
62. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
63. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
64. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
65. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
66. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
67. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
68. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
69. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
70. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
71. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
72. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

**A. 6 NOISE:**

73. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

**A. 7 CLEANER PRODUCTION AND WASTE MINIMISATION:**

74. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
75. The company shall undertake various waste minimization measures such as :
76. *Metering and control of quantities of active ingredients to minimize waste.*
77. *Reuse of by-products from the process as raw materials or as raw materials substitutes.*
78. *Use of automated and close filling to minimize spillages.*
79. *Use of close feed system into batch reactors.*
80. *Venting equipment through vapour recovery system.*
81. *Use of high pressure hoses for cleaning to reduce wastewater generation.*
82. *Recycling of washes to subsequent batches.*
83. *Recycling of steam condensate*

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84. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.

85. Regular preventive maintenance for avoiding leakage, spillage etc.

**A. 8 GREEN BELT AND OTHER PLANTATION:**

86. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.

87. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

**B. OTHER CONDITIONS:**

88. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.

89. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.

90. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s: Envision Enviro Technologies Pvt. Ltd., Surat was submitted by project proponent vide letter no. NIL dated 03/07/2018 and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.

91. Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.

92. The unit shall join and participate financially and technically for any common environmental facility / infrastructure when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

93. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.

94. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.

95. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.

96. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.

97. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.

98. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.

99. During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.

100. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.

101. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.

102. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.

103. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

104. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.

105. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.

106. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

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107. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
108. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
109. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
110. 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.
111. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
112. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
113. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.
114. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
115. This environmental clearance is valid for seven years from the date of issue.
116. Any appeal against this environmental clearance shall lie 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.
117. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

With regards,  
Yours sincerely,

(S. M. SAIYAD)  
Member Secretary

Issued to:

M/s. Shree Durga Syntex Pvt Ltd.  
Plot No. E & Z, Block No 128, 129, 130 & 175,  
Vill. Jolwa, Ta.: Palsana, Dist: Surat