

Growth Is Our Way

Date: 22/11/2022

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 APRIL 2022 TO SEPTEMBER 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. <u>F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009</u> 2. <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

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 **APRIL 2022 TO SEPTEMBER 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

stel.

Authorized signatory

Enclosure: a/a

Copy to:

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

Regd. Office & Factory Address Block No. 128, 129, 130 & 175, Plot No. Z & E, Palsana,Village-Jolva, Dist.: Surat, Pin-394 305. Ph.: 99740 93573 / 74, 02622 274477 / 274478, Website: www.shreedurgasyntex.com CIN: U17119GJ2003PTC041979 GSTIN: 24AABCD8894P1ZV

| | <u>F. No. J</u> | | , DATED: 13/04/20 ptember 2022 Yarn, Polyester Ch lock no. 128, 129, 1 | 09 ips & Captive powe | | | |
|-------|--|--|---|--------------------------|------------------|--|--|
| Sr.No | CONDITIONS | | COMPLIANCE | STATUS | | | |
| 1 | The Ministry of Environment | We have obtained Am | | | vide order no · | | |
| 1 | and Forests has examined your | SEIAA/GUJ/EC/5(d) & | | | | | |
| | application. It is noted that M/s | Consent & Authorizati | | | | | |
| | Shree Durga Syntex Pvt. Ltd | GPCB/CCA-SRT-995/I | | | | | |
| | have proposed for expansion of | on of 03/07/2022.Copy thereof are attached as Annexure–I(A) and Annexure | | | | | |
| | capacities for Fully Drawn | | | | | | |
| | 1 | | | | | | |
| | Captive power plant at block no. | Area statement of the pro | ject shown in below | w table: | | | |
| | 129 & 175, plot no. Z & E, | | - | | | | |
| | Village: Jolva, Taluka: Palsana, | PROJECT AREA | EXISTING | PROPOSED | TOTAL | | |
| | Dist: Surat, Gujarat. The | | AREA (m2) | AREA (m2) | AREA | | |
| | production capacity of Fully | | | | (m2) | | |
| | Drawn yarn will increase from | Plant & M/c area | 2790.00 | 6750.00 | 9540.00 | | |
| | 40 MTPD to 300 MTPD and | Utility area | 9913.00 | | 9913.00 | | |
| | captive power plant will | Storage area | 3853.00 | | 3853.00 | | |
| | increase from 3.25 MW to 12.25 | Office area | 231.67 | | 231.67 | | |
| | MW. It is proposed to | Road area | 4422.00 | 327.00 | 4749.00 | | |
| | manufacture 600 MTPD of | Green belt area | 5462.00 | 3500.00 | 8962.00 | | |
| | polyester chips by continuous polymerization. It is proposed to | Open Area | 37058.33 | | 26481.33 | | |
| | increase production capacity | Total | 63730.00 | 10577.00 | 63730.00 | | |
| | 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 ² , 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 lakhsis earmarked for Environmental Protection Measures. | We ensure that 33.0% a 10577.00 m ² . Photograph | | | proposed land of | | |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – April 2022 TO September 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



Complied.

Permission for withdrawing ground water is obtained from CGWA for 1381 m^3/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 5736.6 KLD. And Total waste water generation after proposed expansion is 554.5 KLD

The Avg. Total water consumption in last six months is **956.1 KL/Day**. Monthly Total Water consumption details are given as below;

| SN | Month | Qty (KL/Month) | Qty (KL/Day) |
|----|----------------|----------------|-----------------|
| 1 | April 2022 | 43777 | 1459.23 |
| 2 | May 2022 | 26333 | 849.45 |
| 3 | June 2022 | 18458 | 615.26 |
| 4 | July 2022 | 16359 | 579.70 |
| 5 | August 2022 | 21988 | 709.29 |
| 6 | September 2022 | 45712 | 1523.73 |

The Avg. industrial waste water generation in last six months is **92.42 KL/Day**. Monthly waste water generation details are given as below;

| SN | Month | Qty (KL/Month) | Qty (KL/Day) |
|----|----------------|----------------|-----------------|
| 1 | April 2022 | 4123 | 137.43 |
| 2 | May 2022 | 2890 | 93.22 |
| 3 | June 2022 | 6714 | 223.8 |
| 4 | July 2022 | 2715 | 87.58 |
| 5 | August 2022 | 302 | 9.74 |
| 6 | September 2022 | 83 | 2.76 |

2 The total water requirement after the expansion will be 799 m^{3}/d , which will be sourced fromground water source. Permission for drawl of $315m^3/d$ of ground water was obtained on 12.10.2007. The waste water generation will be 202 m³/day. The domestic effluent $(22m^3/d)$ will be disposed of into septic tank followed by soak pit. Source of industrial wastewater $(180 \text{ m}^3/\text{d}, \text{ will be from floor})$ 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 Power PEPL CETP. requirement will be met through the Captive power plant. Fuel requirement will be natural gas $(72,000 \text{ m}^3/\text{day})$ or FO/LDO $(100 \text{ m}^3/\text{day})$ 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.

| | Project Details - Expansion of c | apacities for | r Fully Dra | | | |
|---|---|--|---|--|--|----------------------|
| | <u>By M/s. Shree Durga Syntex P</u> | | | <mark>., block no. 128, 129, 130</mark> : Surat., Gujarat | 0 & 175, Village: Jolva | z |
| | | | | | | |
| | | discharge l through sep ETP. The t | ine to CET ptic tank d reated efflu | e, online flow meter is IP. The Avg. domestic v & soak pit. The generat uent is discharged to PEP | vaste water generation ed industrial effluent | is dischatis treated |
| | | Fuel consu | SN | ails are as below; Month | COAL | |
| | | | | April 2022 | (MT/Month) 11,433 | |
| | | | 1 | * | 5,482 | |
| | | | 2 | May 2022 June 2022 | 5,260 | |
| | | | 3 | July 2022 | 4,870 | |
| | | | 4 | August 2022 | 6,215 | |
| | | | 5 | September 2022 | 12,232 | |
| 3 | The Petrochemical based | Noted. | 6 | September 2022 | 12,232 | |
| 4 | 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. The proposal was considered by the Expert Appraisal Committee (Industry) in its 92 nd meeting held on 18 th - 20 th 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. Based on the information submitted by the project | Noted. | | | | |

| | Project Details - Expansion of ca By M/s. Shree Durga Syntex Py | apacit vt Ltd | ies for at Plot | | Polyester Chips 128, 129, 130 | | |
|----------------|---|---|---|--|--|--|---|
| A 1. | authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14 th September 2006 subject to the compliance of the following Specific and General Conditions: SPECIFIC CONDITIONS: The industrial effluent generation shall not exceed 180m ³ /d. The effluent after | | Avg. in | ndustrial waste water | | | |
| | treatment in the ETP and conforming to the prescribed standards shall be discharged | | SN | Month | Qty (KL/Mo | nth) | Qty (KL/Day) |
| | into the pipeline of PEPL | | 1 | April 2022 | 4123 | | 137.43 |
| | leading to CETP. The domestic $(22m^3/4)$ shall be | | 2 | May 2022 | 2890 | | 93.22 |
| | effluent (22m ³ /d) shall be disposed through septic | | 3 | June 2022 | 6714 | | 223.8 |
| | disposed through septic tank/soak pit. | | 4 | July 2022 | 2715 | | 87.58 |
| | talik/ soak pit. | | 5 | August 2022 | 302 | | 9.74 |
| | | | 6 | September 2022 | 83 | | 2.76 |
| 2. | | efflue The g disch CETF M/s. T Testin till 22 Renew The d Com We e activi | ent disc generat arged P inlet En-Vis ng labo 2/02/20 wal NA lomest plied. ensure ity. For | the same, online fl charge line to CETP. ted industrial waste to PEPL-CETP thr norms. Analysis repo- sion Environmental S oratory,[NABL Certi 022 and also Renew ABL accreditation Ca ic waste water genera- that there will not in r dispersion of gaseo .PCM, Stack are pro- | The logbook for water is treated ough pipeline. ort of the same i Services, Surat ificate No.TC – val assessment ertificate. ated is discharge be any process ous emission fro | or the same d in ETP. The wasted is attached is appointed - 5304] & has Comp ed through emission | is maintained at ET The treated effluer e water treated m as ANNEXURE-1 ed NABL accredita Validity is-23/02/2 leted and awaiting septic tank/soak pi due to our produc |
| | steam boiler and DG sets, | | ck No. | · · · | | Stack Ht | АРСМ |
| | adequate height as per CPCB standards shall be provided. | | 1. | Natural gas based Engines- 3 Nos. S | | 30 | |
| | Acoustic enclosures / treatment shall be given to the DG sets to | | | | | | |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – April 2022 TO September 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

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

We have uploaded the status of compliance of Environmental Clearance including results of monitored data on our website. It also simultaneously submitted to Regional office of MoEF&CC.

| | Project Details - Expansion of o | <u>Period – April 2022 TO September 2022</u> capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant Pyt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat |
|----|--|--|
| | Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NOx (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. | Image: contract of the symptotic of the s |
| 4. | 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. | stack emission) or critical sectoral parameters, are monitored periodically and displayed at display board near main gate in public domain. Noted. |
| | The company shall undertake following Waste Minimization measures i. • Metering and control of quantities of active ingredients to minimize waste. • Reuse of byproducts 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 vapor recovery | Complied. 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 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. C. Reuse of byproducts / used oil / drums is being sent to authorized recyclers |

| | | capacities for Fully Drawn Yarn, Polyes Pyt Ltd at Plot no: E & Z, block no. 128 Taluka: Palsana, Dist: Surat., Gujara | , 129, 130 & 175, V | |
|------|---|--|--|--------------------|
| ii. | system. Use of high pressure hoses for equipment clearing to reduce wastewater generation. 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. | Complied. Work zone monitoring is being ca NABL Approved. Ambient Air Monitoring Reports are | | |
| iii. | | Complied. We are ensuring that during transfer avoided drains are constructed to co process. | | |
| iv. | provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall | Complied. We have spent and made provision a recurring to implement the conditions State Government along with the i stipulated in the EC Order. Adequate funds are allotted as below. | s stipulated by the M mplementation sch | IoEF&CC as well as |
| | not be diverted for any | | | D |
| | not be diverted for any other purposes. | EMP Activity | Capex Spent | Recurring Spent |
| | - | EMP Activity 1. ETP Sludge Disposal 2. CETP Charges 3. Env Audit 4. Env Monitoring Charges 5. ETP Raw Material 6. APCM Upgradation | Capex Spent | Recurring Spent |
| V. | other purposes. | ETP Sludge Disposal CETP Charges Env Audit Env Monitoring Charges ETP Raw Material | 52 Lacs | 28 Lacs |

| <u>I</u> | Project Details - Expansion of o | capacities Pvt Ltd at | s for Fu Plot no | <u>122 TO September 2022</u> Ily Drawn Yarn, Polyester Chips & : E & Z, block no. 128, 129, 130 & a, Dist: Surat., Gujarat | | |
|----------|--|---------------------------|---|--|--|---|
| | hazards during manufacturing process in material handling. | 2. 3. 4. | Sprinkl OHC in | tinguishers ler system in coal yard 1 plant premises | | |
| 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 | Compl i Trainin | g impar | ted to all level employees &Comp or all employees are carried out or | | |
| viii. | imparted. Usage of PPEs by all employees/ workers shall | | | have to be married and small | in the second | |
| | be ensured. | procure | ed are of | have to be provided and appli f BIS approved products. Work p | | |
| | | done re | gularly. | | | |
| | | | Sr.No. | PPEs | UOM | QTY. |
| | | | | Self-Contained Breathing | UOM Nos. | |
| | | | Sr.No. | Self-Contained Apparatus- 10kgBreathingFull Face masks | | QTY. 10 25 |
| | | | Sr.No. 1 | Self-Contained Apparatus- 10kgBreathingFull Face masksTrolley mounted oxygen cylinders | Nos. | QTY. 10 |
| | | | Sr.No. 1 2 | Self-Contained Apparatus- 10kgBreathing BreathingFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suits | Nos. Nos. | QTY. 10 25 |
| | | | Sr.No. 1 2 3 | Self-Contained Apparatus- 10kgBreathing BreathingFull Face masksTrolley mounted oxygen cylindersFull body chemical protection | Nos. Nos. Nos. | QTY. 10 25 5 |
| | | | Sr.No. 1 2 3 4 | Self-Contained Apparatus- 10kgBreathing BreathingFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splashproof | Nos. Nos. Nos. Nos. | QTY. 10 25 5 10 |
| | | | Sr.No. 1 2 3 4 5 | Self-Contained Apparatus- 10kgBreathing BreathingFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash goggles | Nos. Nos. Nos. Nos. | QTY. 10 25 5 10 50 |
| | | | Sr.No. 1 2 3 4 5 6 | Self-Contained Apparatus- 10kgBreathing Breathing Apparatus- 10kgFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash proof gogglesAluminized firefighting suits25mm hose clips with screw | Nos. Nos. Nos. Nos. Nos. | QTY. 10 25 5 10 50 10 |
| | | | Sr.No. 1 2 3 4 5 6 7 | Self-Contained Apparatus- 10kgBreathing Apparatus- 10kgFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash proof gogglesAluminized firefighting suits25mm hose clips with screw clips | Nos. Nos. Nos. Nos. Nos. Nos. Nos. | QTY. 10 25 5 10 50 10 10 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 | Self-Contained Apparatus- 10kgBreathing Apparatus- 10kgFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash proof gogglesAluminized firefighting suits25mm hose clips with screw clipsGum boots full length Leather hand glovesElectrical hand gloves | Nos. Nos. Nos. Nos. Nos. Nos. Nos. | QTY. 10 25 5 10 50 10 25 50 50 50 50 50 50 50 50 50 50 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 11 | Self-Contained Apparatus- 10kgBreathing Apparatus- 10kgFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash proof gogglesAluminized firefighting suits25mm hose clips with screw clipsGum boots full length Leather hand glovesElectrical hand glovesNon permeable hand gloves | Nos. Nos. Nos. Nos. Nos. Nos. Pair Pair Nos. | QTY. 10 25 5 10 50 10 25 5 50 10 50 50 50 50 50 50 50 50 50 50 50 50 52 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 11 12 | Self-ContainedBreathingApparatus- 10kgFull Face masksTrolley mounted oxygencylindersFull body chemical protectionsuitsChemical splash proofgogglesAluminized firefighting suits25mm hose clips with screwclipsGum boots full lengthLeather hand glovesElectrical hand glovesNon permeable hand glovesSafety helmets | Nos. Nos. Nos. Nos. Nos. Nos. Pair Pair Nos. Nos. Nos. | QTY. 10 25 5 10 50 10 25 5 10 50 10 50 50 50 50 50 50 50 50 50 50 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Self-ContainedBreathingApparatus- 10kgFull Face masksFull Face masksTrolley mounted oxygencylindersFull body chemical protectionsuitsChemical splash proofgogglesAluminized firefighting suits25mm hose clips with screwclipsGum boots full lengthLeather hand glovesElectrical hand glovesNon permeable hand glovesSafety helmetsSafety shoes sizes | Nos. Nos. Nos. Nos. Nos. Nos. Pair Pair Nos. Nos. Pair | QTY. 10 25 5 10 50 10 25 50 10 25 50 50 50 50 50 50 50 50 50 50 50 50 50 60 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 | Self-Contained Apparatus- 10kgBreathing Apparatus- 10kgFull Face masksTrolley mounted oxygen cylindersFull body chemical protection suitsChemical splash proof gogglesAluminized firefighting suits25mm hose clips with screw clipsGum boots full length Leather hand glovesElectrical hand glovesNon permeable hand glovesSafety helmetsSafety shoes sizesPick axles | Nos.Nos.Nos.Nos.Nos.Nos.Nos.Nos.PairPairNos.Nos.Nos.Nos.Nos.Nos.Nos.Nos.Nos.Nos. | QTY. 10 25 5 10 50 10 25 50 10 25 50 50 50 50 50 50 50 50 50 50 50 50 60 2 |
| | | | Sr.No. 1 2 3 4 5 6 7 8 9 10 11 12 13 | Self-ContainedBreathingApparatus- 10kgFull Face masksFull Face masksTrolley mounted oxygencylindersFull body chemical protectionsuitsChemical splash proofgogglesAluminized firefighting suits25mm hose clips with screwclipsGum boots full lengthLeather hand glovesElectrical hand glovesNon permeable hand glovesSafety helmetsSafety shoes sizes | Nos. Nos. Nos. Nos. Nos. Nos. Pair Pair Nos. Nos. Pair | QTY. 10 25 5 10 50 10 25 50 10 25 50 50 50 50 50 50 50 50 50 50 50 50 50 60 |

| | COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – April 2022 TO September 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 | | | | | |
|----|---|---|--|--|--|--|
| | 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. | Complied. 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. | | | | |
| B | GENERAL CONDITIONS: | | | | | |
| 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 Consent to Establish Amendment valid till date 09-05-2023. | | | | |
| 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 any. | shall be carried out only after prior approval of Ministry. | | | | |
| 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 | Noted &Complied. 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. | | | | |

| | Project Details - Expansion of o | <u>11011/98/2009-IA II (I), DATED: 13/04/2009</u> Period – April 2022 TO September 2022 capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant ovt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat |
|----|---|---|
| | shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved. | |
| 4. | The gaseous emissions $(NO_x, SO_2 \text{ and } SPM)$ 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 | Complied. 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. Ambient Air Monitoring Report is attached as ANNEXURE-VII & Stack Monitoring Report is attached as ANNEXURE-VII. |
| | 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 SO2, NOx and SPM shall be carried. | |
| 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. | Noted & Complied. 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. | Not Applicable. There is no process gas vents / stacks in the units. |
| 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. | Complied. 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. |

| | <u>F. No. J</u> Project Details - Expansion of c | ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: 11011/98/2009-IA II (I), DATED: 13/04/2009 Period – April 2022 TO September 2022 capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant Pyt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, |
|-----|--|--|
| | | <u>Taluka: Palsana, Dist: Surat., Gujarat</u> |
| | 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). | 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 result are stated as under; M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Noise Monitoring Reports are Attached as ANNEXURE-X. |
| 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. | Complied. |
| 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 | |
| 10. | The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment. | Complied and ongoing. CSR activity given in ANNEXURE- XII The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site. |
| 11. | A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. | Complied. A separate Environment Management Cell is equipped along with internal lab. M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. |
| | | |

| | Project Details - Expansion of c | 11011/98/2009-IA II (I), DATED: : Period – April 2022 TO September : apacities for Fully Drawn Yarn, Pol yt Ltd at Plot no: E & Z, block no. 1 | 2022 yester Chips & Ca | | |
|-----|---|---|---------------------------|---------------------|---------|
| | <u>By M/S. Shree Durga Syntex P</u> | Taluka: Palsana, Dist: Surat., Guja | | 75, village: Joiva, | |
| | | | | | |
| 12. | The project authorities shall | Complied. | | | |
| | earmark adequate funds to implement the conditions | | Capay | Dogurring |] |
| | stipulated by the Ministry of Environment and Forests as well | EMP Activity | Capex Spent | Recurring Spent | |
| | as the State Government along | 1. ETP Sludge Disposal | | | - |
| | with the implementation schedule for all the conditions | CETP Charges Env Audit | | | |
| | stipulated herein. The funds so | Env Audit Env Monitoring Charges | 52 lacs | 28 lacs | |
| | provided shall not be diverted | 5. ETP Raw Material | 52 1005 | 20 1005 | |
| | for any other purpose. | 6. APCM Upgradation | | | |
| | | | | | |
| 13. | The implementation of the | Complied. | | | |
| | 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. | | | | |
| 14. | A copy of the clearance letter | Complied. | | | |
| | shall be sent by the proponent to | We have obtained EC in 13^{th} A | | | |
| | concerned Panchayat, Zila Parisad/Municipal Corporation, | December 2018 which is attached public that the project has been ac | | | |
| | Urban local Body and the local | in two local newspapers that are v | | | |
| | NGO, if any, from who | language Guajarati and another in | 2 | e | |
| | suggestions/ representations, if | ANNEXURE-XIII. | | | |
| | any, were received while | | | | |
| 15. | processing the proposal. The project proponent shall also | Complied. | | | |
| 15. | submit six monthly reports on | Complica. | | | |
| | 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 | | | | |
| 1/ | Control Board. | Compliad | | | |
| 16. | The project proponent shall inform the public that the | | ril 2009 and its | s amendment obtai | n at 1/ |
| | project has been accorded | December 2018, and inform the | | | |
| | | | | | |

| | Project Details - Expansion of c | <u>Period – April 2022 TO September 2022</u> capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant Pyt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat |
|-----|---|---|
| | 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. | environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Guajarati 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. | Complied. |
| 18. | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | Noted. |
| 19. | The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions. | Noted. |
| 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 Authority Act, 1997. | Noted. |
| 21. | The above conditions will be enforced, inter-aliaunder the | Noted. |

| | apacities for Fully Drawn Yarn, Polyester Chips & Captive power plant vt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat |
|---------------------------------|---|
| | |
| 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. | |

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.,

| C | AWH-104837, Dated.14.11.2019 with validity up to:03/07/2022. | | | | |
|-----------|--|--|--|--|--|
| s. NO. | CONDITIONS | COMPLIANCE STATUS | | | |
| A. CO | ONDITIONS | | | | |
| A. 1 S | SPECIFIC CONDITION | | | | |
| 1. | Unit shall adopt proper methods | Complied. | | | |
| | 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. | 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; howeve existing waste water which is treated in ETP will be sent to CETI (PEPL), Palsana. Please find attachment as ANNEXURE-IX . | | | |
| 2. | Unit shall not exceed waste | Complied. | | | |
| | water discharge quantity into CETP of M/s: PEPL as mentioned in the existing CC&A. | 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 ANNEXURE-IX . | | | |
| 3. | Unit shall comply the emission | Complied. | | | |
| | standards mentioned in the Notification by MoEF&CC vide no. 5.0. 3305 (E) dated07/12/2015 and amended time to time. | Stack monitoring result are attached as ANNEXURE-VI . | | | |
| 4. | Unit shall use only imported coal | Noted. | | | |
| | 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). | 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 | Will Be Complied. | | | |
| | MT/Month) shall be sold out to | | | | |
| | the authorized actual users only, | | | | |
| | 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 | Water consumption is given in ANNEXURE-IV. For additional water requirement, application is made to CGWA which is under verification stage. Please find attachment a ANNEXURE-V. | | | |

Period – April 2022 TO September 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.,

| | 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. | Will be Complied. Permission for withdrawing ground water is obtained from CGWA for 315 m^3 /Day. For additionally water requirement, application is made to CGWA which is under verification stage. Please refer ANNEXURE-V . |
| 8. | Total industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed). | Will be Complied. 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 ANNEXURE-IV. |
| 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. | Noted & Will be Complied. 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). | Noted & Will be Complied. 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. | |
| 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 lower make up water. | Noted & Will be Complied. The waste water generations of last six months from April 2022 to September 2022 from the unit are attached as ANNEXURE-IV. |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

<u>Period – April 2022 TO September 2022</u>

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.,

| 12 | Westernoter and a form | Consultad Disease refer Announce IV |
|-------------|---------------------------------------|--|
| 13. | Wastewater generated from | Complied. Please refer Annexure – IV. |
| | 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 | |
| 14. | The domestic wastewater | Will be Complied. |
| 17. | generation shall not exceed 26 | The Avg. domestic waste water generation will be discharge |
| I | KLD and it shall be disposed in | through septic tank & soak pit. |
| | | unough septic tank & soak pit. |
| 15. | lo the soak pit/septic tank | |
| 15. | Proper logbooks of ETP, water | Complied. |
| | consumption, power | |
| | consumption, reuse etc. shall be | |
| | maintained and shall be | |
| | furnished to the GPCB from time | |
| 1.6 | to time | |
| 16. | The unit shall provide metering | Will be Complied. |
| | facility at the inlet & outlet of the | |
| | ETP, RO, MEE system & reuse | |
| | system and maintaining records | |
| | for the same | |
| 17. | Proper logbooks of ETP, RO, | Will be Complied. |
| | 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 | Noted. |
| | 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 A | | 1 |
| <u>19</u> . | Unit shall not exceed fuel con | sumption for Complied. Fuel consumption for Steam Boiler given |
| 17. | Steam Boiler and stand-by DG set | |
| | below: | |
| | 0010 W. | |

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.,

| Sr. no. | Source of emission With Capacity | | Stac Heig (me | ght | Typ Fue | 1 | Quan of Fu MT/I | iel | Type emis | e of sions | Air Pollu Control Measures (APCM) | |
|---------------------|---|-------------------------|---------------------|---------------------|------------|---------------------------------|----------------------------|---|--------------|------------------------------------|---|---------------|
| 1 | Steam boiler | | 11 | Meters | | WH | RB | | 5 | PM SO ₂ NOx | Adequa Stack he | |
| 2 | Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) | | | 20 m | | | | | | PM SO ₂ NOx | Adequate Stack height | |
| 3 | Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by) | | (Co | Common) Natural Gas | | ural Gas | Gas 22440 sq.cm/ day | | 5 | PM SO ₂ JOx | Adequa Stack he | |
| 4 | Thermic Fluid Heater (Natural Gas Based/LI (10 Million Kcal/Hr.) | 00) | 35.0 m | | | | | | 5 | PM SO ₂ JOx | Adequa Stack he | |
| 5 | Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Star by) | nd | | ommon) | | LDO | | 100 3/day | S | PM SO ₂ JOx | Adequate Stack height | |
| 6 | Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.) | | 5 | 50.0 m | | Coal | M | 80 T/Day | S N | PM SO ₂ NOx | Electrost Precipita | |
| 7 | Steam boiler (1 TPH) | | | 11 m | Nat | ural Gas | - | 1500 q.cm | S N | PM SO ₂ VOx | Adequa Stack he | |
| 8 | * Natural Gas Based C Engines(3.25 MW) | PP | | 30 m | | | | /day | 5 | SPM SO ₂ NOx | Adequa Stack he | |
| 9 | Steam Boiler (40 TPH) Biomass (Agro waste / Baggase) & Coal (15% auxiliary fuel) based F Plant (9 MW) # | as | 8 | 80.0 m | | ggase & % Coal | to | 250 n/day & 35 Γ/Day | 5 | PM SO ₂ JOx | Economi Air Pre-he Electrost Precipita | eate tatic |
| Prope Sr. no. | Source of emission With Capacity | Stack Heigl (mete | nt | Type of Fuel | | Quantit of Fuel MT/Day | y i | Type of emission i.e. Air Pollutau | ns | Air Po Contro Measu (APCM | ol res | |
| 1 | Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) # | 80.0 |) m | | | 450 | | SPN SO ₂ | | Econor Pre- | nizer, Air heater, | |
| 2 | Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) # | 00.0 | | Importe Coal/Lig | | tons/da or 700 tons/da | - | NO | | | trostatic ipitator | |
| 3 | Thermic Fluid Heater (Coal based) | 50.0 | m | | | 10110/ du | - , | SPM SO ₂ NO2 | 1 | | trostatic ipitator | |

Period – April 2022 TO September 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.,

| | (18 Million Kcal/Hr.) | |
|-----|---|--|
| | 4 Steam boiler (2 TPH) | |
| 20. | Unit shall provide adequate APCM with flue gas generation sources as mentioned above: | Complied. |
| 21. | There shall be no process gas emission from existing as well as from the proposed project | Noted. 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. | Will be Complied. |
| 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. | Noted & Will Be Complied. |
| 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. | Will be Complied. |
| 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. | Will be Complied. |
| 26. | Third party monitoring of the functioning o, the ESP along with its efficiency shall be carried out once in a year through a reputed | Will be Complied. |

Period – April 2022 TO September 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.,

| | institute / organization. | |
|-----|---|--|
| 27. | Lime stone injection technology shall be adopted lo control SO2 and it shall be ensured that SO2 levels in the ambient air do not exceed the prescribed standards. | Will be Complied. |
| 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. | Will be Complied. |
| 29. | Measures shall be taken to reduce the process vapors emissions as far as possible. | Complied. 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. | Will be Complied. Work zone monitoring is being carried out periodically through third party NABL Approved. Ambient Air Monitoring Reports are Attached As ANNEXURE-VII. Same will be conducted for proposed expansion. |
| 31. | Internal roads shall be either concreted or asphalted or paved properly lo reduce the fugitive emission during vehicular movement. | Complied. |
| 32. | Air borne dust shall be controlled with water sprinklers at suitable locations in the plant. | Will be Complied. |
| 33. | A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission. | Will be Complied. We ensure that proposed expansion has been carried out on land area of 10577 m^2 . And Approx. 33% of it is greenbelt i.e. 3500 m^2 has been developed additionally. |
| 34. | Regular monitoring of Volatile Organic Compounds (VOCS) shall be carried out in the work zone area and ambient air | Complied. |
| 35. | For control of fugitive emission, VOCS, following steps shall be followed : | |
| 36. | Closed handling and charging system shall be provided for chemicals. | Complied. |
| 37. | Pumps shall be provided with mechanical seals to prevent leakages. | 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 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 | Complied. The gaseous emissions (NOx, SO ₂ & SPM) and Particulate matter along with RSPM levels & stack monitoring for SO ₂ , NOx & SPM from various units are monitored at regular interval for ensuring the |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

<u> Period – April 2022 TO September 2022</u>

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.,

| | 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 S | SOLID / HAZAROOUS 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. | Complied. 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. | Complied. |
| 42. | Hazardous / Solid waste management shall be as below: | Noted |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

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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.,

| | Sr. | Type/Name | Source of | Category and Schedule as | Qua | antity (MT/Ar | inum) | |
|-----|--|---|---------------------------------|--------------------------|-----------------------|--------------------|--------------------|--|
| | no. | of Hazardous waste | generation | per HW Rules. | Existing | Proposed | Total | Disposal Method |
| | 1 | Used Oil | Maintenance | 5.1 | 1.0 Kl/Year | 2.0 Kl/Year | 3.0 Kl/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 GPCE approved Recycler |
| | 3 | Chemical Sludge from ETP | ETP | 35.3 | 25.0 Tons/Ye ar | 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. | permi autho the H (Man Trans | prized end-user issions from th rities under the azardous and C agement boundary 2016 | e concerned e Rule 9 of | Noted. | | | | |
| 44. | perm | unit shall obtainsion from | the nearby | Complied. TSDF Mem | bership atta | ached as AN | NEXURE-I | Х. |
| 45. | transp waste the p Vehic | cs/Tankers portation of shall be in accorrovisions unde cle Act, 1988 there under. | r the Motor | Complied. | | | | |
| 46. | The c shall spilla | lesign of the Tr be such that ge during transp | there is no portation | Complied. | | | | |
| 47. | All po for | ossible efforts si Co-Processing rdous waste | hall be made | Noted. | | | | |

| 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., |
| Cuinrat |

| | disposal into TSDF/CHWIF. | |
|--------|-----------------------------------|--|
| | Management of fly ash (if any) | Complied. |
| | shall be as per the Fly ash | • |
| | Notification 200g & its | |
| 48. | amendment time to lime and it | |
| | shall been sure that there is | |
| | 100% utilization of fly ash to be | |
| | generated from the unit. | |
| A. 5 S | SAFETY | |
| | The occupier/manager shall | Complied & Will be Complied for Proposed Expansion |
| 49. | strictly comply the provisions | |
| 47. | under the Factories Act 1948 and | |
| | the Gujarat Factories Rules 1963. | |
| | Project specific process Safety | Complied & Will be Complied for Proposed Expansion |
| | Management System shall be | |
| 50. | developed as per the prevailing | |
| | norms and it shall be | |
| | implemented in letter and spirit. | |
| | Unit shall adopt automization | Complied & Will be Complied for Proposed Expansion |
| 51. | system along with high safety | |
| 51. | measures for polymerization | |
| | process. | |
| | The project authorities shall | Complied & Will be Complied for Proposed Expansion |
| | 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 | |
| 52. | 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. | |
| | First Aid Box shall be made | Complied & Will be Complied for Proposed Expansion |
| 53. | readily available in adequate | |
| | quantity at all the times. | |
| | Main entry and exit shall be | Complied & Will be Complied for Proposed Expansion |
| 54. | separate and clearly marked in | |
| | the facility. | |
| | Sufficient peripheral open | Complied & Will be Complied for Proposed Expansion |
| 55. | passage shall be kept in the | |
| | margin area for free movement | |
| | of lire tender/ emergency vehicle | |

| 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 |

| | around the premises. | |
|----------|--|---------------------------------------|
| | Storage of flammable chemicals | Complied. |
| 56. | shall be sufficiently away from | compiled. |
| 50. | the production area | |
| | Sufficient number of fire | Complied. |
| 57. | extinguishers shall be provided | Complete. |
| 57. | near the plant and storage area. | |
| | All necessary precautionary | Complied. |
| | measures shall be taken to avoid | complica. |
| 58. | any kind of accident during | |
| | storage and handling of toxic | |
| | /hazardous chemicals. | |
| | All the toxic/hazardous | NA. No any toxic material is handled. |
| | chemicals shall be stored in | v |
| | optimum quantity and all | |
| 59. | necessary permissions in this | |
| | regard shall be obtained before | |
| | commencing the expansion | |
| | acclivities. | |
| | The project management shall | Complied. |
| | ensure to comply with all the | |
| 60 | environment protection | |
| 60. | measures, risk mitigation | |
| | measures and safeguards | |
| | mentioned in the Risk | |
| | Assessment report. | Concliced |
| | Flame proof electrical fittings shall be provided in flame proof | Complied. |
| 61. | zones or wherever applicable in | |
| | Plant premises | |
| | Storage of hazardous chemicals | Complied. |
| | shall be minimized and it shall | Complete |
| (2) | be in multiple small capacity | |
| 62. | tanks / containers instead of one | |
| | single large capacity tank / | |
| | containers. | |
| | All the storage tanks shall be | Complied. |
| | fitted with appropriate controls | |
| 63. | to avoid any leakages. | |
| 09. | Bund/dyke walls shall be | |
| | provided for storage tanks for | |
| | Hazardous Chemicals. | |
| | Handling and charging of the | Complied. |
| <i>.</i> | chemicals shall be done in closed | |
| 64. | manner by pumping or by | |
| | vacuum transfer so that minimal | |
| | human exposure occurs | N. 4. J |
| 65. | Tie up shall be done with nearby | Noted. |
| | health care unit / doctor for | |

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.,

| | seeking immediate medical attention in the case of emergency. | <u> </u> | | · 1 1 | 1 |
|-----|--|---|---|-------|------|
| | Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised | Complied. 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. | | | |
| | · · · · · · · · · · · · · · · · · · · | 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 |
| 66. | | 5 | Chemical splash proof goggles | Nos. | 50 |
| 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 5 |
| | | 15 | Shovels | Nos. | |
| | | 16 17 | Rain coats full size Stretchers | Nos. | 10 2 |
| | | 1/ | Stretchers | Nos. | 2 |
| 67. | First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity. | Complied. | | | |
| 68. | Training shall be imparted to all the workers on safety and health aspects of chemicals handling | Complied. Training imparted to all level employees & Complied Routine periodical medical examinations for all employees ar 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. | | | |

Period – April 2022 TO September 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.,

| | Transportation of hazardous | Complied. |
|------------|--|--|
| 70. | chemicals shall be done as per the provisions of the Motor | |
| | Vehicle Act & Rules. | |
| | | |
| | The company shall implement all | |
| 71. | preventive and mitigation | |
| | measures suggested in the Risk | |
| | Assessment Report. | |
| | Necessary permissions from | |
| 72 | various statutory authorities like | |
| 72. | PESO, Factory inspectorate and | |
| | others shall be obtained prior lo | |
| 16 | commissioning of the project. | |
| A. U. | The overall noise level in and | Complied. The overall noise levels in and around the plant area is |
| | around the plant area shall be | kept well within the standards by providing noise control measures |
| | kept well within the standards by | including acoustic hoods, silencers, enclosures etc. on all sources of |
| | providing noise control measures | noise generation. Ambient noise levels are being monitored |
| | including engineering controls | periodically. It is mandatory for workers to use PPE's such as ear |
| | like acoustic insulation hoods, | plugs / ear muffs in high noise area. |
| 73. | silencers, enclosures etc. on all | The ambient noise levels is under the standards prescribed under |
| , | sources of noise generation. The | EPA, 1986 Rules, 1989 viz. 75 dBA (Day Time) and 70 dBA |
| | ambient noise level shall confirm | (Night Time). |
| | to the standards prescribed under | Equipments generating high noise are equipped with acoustic |
| | The Environment (Protection) | enclosures; regular maintenance, lubrication and vibration pads are |
| | Act,1986 & Rules. | assured for such sources. The results are attached as Noise |
| | | Monitoring Reports in ANNEXURE- X. |
| A. 7. | CLEANER PRODUCTION AND | |
| | The unit shall undertake the | Complied. |
| | Cleaner Production Assessment | |
| | | |
| | study through a reputed institute | |
| 74. | study through a reputed institute / organization and shall form a | |
| 74. | study through a reputed institute / organization and shall form a CP team in the company. The | |
| 74. | study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along | |
| 74. | study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be | |
| 74. | 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. | Complied |
| | 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. The company shall undertake | Complied. |
| 74. 75. | 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. The company shall undertake various waste minimization | Complied. |
| | 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. The company shall undertake various waste minimization measures such as | Complied. |
| 75. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities | Complied. |
| | 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. The company shall undertake various waste minimization measures such as Metering and control of quantities of active ingredients lo minimize | Complied. |
| 75. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities of active ingredients lo minimize waste. | |
| 75. 76. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities of active ingredients lo minimize waste. Reuse of by-products from the | Automatic filling / transfer system is being provided to minimize |
| 75. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities of active ingredients lo minimize waste. | Automatic filling / transfer system is being provided to minimize the spillage i.e. Chain conveyor system provided at PTA handling |
| 75. 76. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities of active ingredients lo minimize waste. Reuse of by-products from the process as raw materials or as | 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 |
| 75. 76. | 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. The company shall undertake various waste minimization measures such as Metering and control ofquantities of active ingredients lo minimize waste. Reuse of by-products from the process as raw materials or as | Automatic filling / transfer system is being provided to minimize the spillage i.e. Chain conveyor system provided at PTA handling |

Period – April 2022 TO September 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.,

| | Lize of aloce for 1 | |
|--------|---|---|
| 79. | Use of close feed system into batch reactors. | Complied. |
| 00 | Venting equipment through | |
| 80. | vapor recovery system. | |
| | use of high pressure hoses for | |
| 81. | cleaning to reduce wastewater | |
| | generation Recycling of washes to | |
| 82. | Recycling of washes to subsequent batches. | |
| 83. | Recycling of steam condensate | |
| | Sweeping / mopping of floor | |
| 84. | instead of floor washing lo avoid | |
| | effluent generation | |
| 85. | Regular preventive maintenance | |
| | for avoiding leakage, spillage etc' | ντιτιο |
| A. 8 C | GREENBELT AND OTHER PLA The unit shall develop green belt | We ensure that proposed expansion is carried on land area of 10577 |
| | within premises as per the CPCB | m^2 . And Approx. 33% of it is greenbelt i.e. 3500 m^2 has been |
| | guidelines However, if the | developed additionally. |
| | adequate land is not available | . , |
| | within the premises, the unit | |
| 86. | shall take up adequate plantation | |
| 00. | 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. | |
| | Drip irrigation/ low-volume, | Complied. |
| | low-angle sprinkler system shall | |
| 87. | be used for the green belt | |
| | development within the premises. | |
| | premises. | |
| B. OT | HER CONDITIONS | |
| | In case of use of spray dryer, the | |
| | unit shall provide the adequate | Particulate matter along with RSPM levels & stack monitoring for |
| | & efficient APCMs with spray | -, -, -, -, -, -, -, -, -, -, -, -, -, - |
| | dryer so that there should not be | 0 1 |
| | any adverse impact on human health & environment. | Stack monitoring is being carried out periodically through third party NABL Approved. |
| | Unit shall carry out third party | |
| 88. | monitoring of the proposed Spray | |
| | dryer ⁢'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 hall yearly compliance report | |
| | han yearry compliance report | |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

<u> Period – April 2022 TO September 2022</u>

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.,

| — T | The project propendit shall | Complied |
|-------------|---|--|
| | The project proponent shall | Complied. |
| | allocate the separate fund for | |
| | Corporate Environment | For community welfare measures and CSR activity adequate |
| | Responsibility (CER) in | funds allotted. The amount is utilized for various communities, |
| | accordance to the MoEFCC's | welfare and eco development projects within and surrounding |
| | Office Memorandum No. | areas of project site. |
| | F.No.22-652017-IA.III dated | |
| | 01/05/2018 to carry out the | |
| | activities under CER in affected | |
| 89. | 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 hall-yearly | |
| | compliance report and to district | |
| | collector The monitoring report | |
| | shall be posted on the website of | |
| | the project proponent. | |
| | All the recommendations, | Noted. |
| | mitigation measures, | |
| | environmental protection | |
| | measures and Safeguards | |
| | proposed in the EIA report of the | |
| | project prepared by M/s. Envision | |
| | Enviro Technologies Pvt. Ltd., | |
| 90. | Surat was submitted by project | |
| <i>y</i> 0. | 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. | |
| | • | Complied. |
| | • | To conserve ground water as well as reduced consumption of |
| | undertaken and the same water | water, rain water recharging is carried out to recharge ground |
| | shall be used for the various | water, fail water recharging is carried out to recharge ground water before its get evaporated. 3 Nos. of percolating recharge pits |
| | activities of the project to | are provided for rain water recharging. |
| | conserve fresh water as well as lo | are provided for rain water recharging. |
| | | |
| | recharge ground water. Before | |
| | recharging the surface run off, | |
| | pretreatment must be done to | |
| | remove suspended matte | N J |
| | The unit shall join and participate | Noted. |
| | financially and technically for any | |
| | common environmental facility/ | |
| | infrastructure as and when the same is taken up either by the | |
| | | |

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.,

| · · · · · | | |
|-------------|---------------------------------------|---|
| | industrial Association or GIDC or | |
| | GPCB or any such authority | |
| | created for this purpose by the | |
| | Govt. / GIDC. | |
| | Application of solar energy shall | Noted. |
| | be incorporated for illumination of | |
| | common areas, lighting for | |
| 93. | gardens and street lighting, in | |
| <i>.</i> | addition the provision for solar | |
| | water heating system shall also be | |
| | provided. | |
| | The area earmarked as green area | We argue that area cormerized as green area shall be used only for |
| | | We ensure that area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose |
| 94. | shall be used only for plantation | plantation and shall not be altered for any other purpose. |
| | and shall not be altered for any | |
| | other purpose | |
| | All the commitments/ | Noted. |
| | undertakings given to the SEAC | |
| 95. | during the appraisal process for | |
| <i>))</i> . | the purpose of environmental | |
| | protection and management shall | |
| | be strictly adhered to. | |
| | The project proponent shall also | Complied. |
| | comply with any additional | |
| | condition that may be imposed by | |
| 96. | the SEAC or the SEIAA or any | |
| | other competent authority for the | |
| | purpose for the environmental | |
| | protection and management. | |
| | In the event of failure of any | We assure that, at no time the emission level will go beyond the |
| | pollution control system adopted | stipulated standards and or prescribed limits. In such cases / |
| | by the unit, the unit shall be safely | occurrence we will intimate to board & authority time to time. In |
| 07 | | - |
| 97. | closed down and shall not be | event of failure of APCM, the unit shall not restart until the |
| | restarted until the desired | control measures are rectified to achieve the efficiency. |
| | efficiency of the control | |
| | equipment has been achieved. | |
| | | We are strictly agree, complying & will continue to comply with |
| | strictly adhere to the stipulations | all stipulation made by GPCB as per CC&A No. AWH - 104837 |
| 98. | made by the Gujarat Pollution | Dated:14/11/2019, Valid Till-3/7/2022 and Consent to Establish |
| 70. | Control Board (GPCB).State | Amendment valid till date 09-05-2023. |
| | Government and any statutory | |
| | authority. | |
| | During material transfer there | Complied. |
| | shall be no spillages and garland | We are ensuring that during transfer of materials, spillages are |
| | drain shall be constructed to avoid | avoided. If not avoided drains are constructed to collect the |
| 99. | mixing of accidental spillages | spillage and transfer back to the process. |
| | with domestic wastewater or | spinade and number over to the process. |
| | storm water. | |
| | | Complied |
| 100. | Pucca flooring / impervious layer | Complied. |
| | shall be provided in the work | |

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.,

| | 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 | Complied. |
| 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. | Noted. |
| 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. | Complied. |
| 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. | Complied. |
| 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. | Complied. 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. |

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.,

| | The funds so provided shall not be | |
|------|---|---|
| 107. | diverted for any other purpose. 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. | Noted. We have obtain EC in year 2009 and its amendment obtain at 14 th 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 Guajarati and another in English Paper advertisements are attached as ANNEXURE- XIII. 1. Guajarati news paper: 25/12/2018 2. English news paper : 25/12/2018 |
| 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. | Complied. |
| 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 consumed, on 1 st 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. | Noted. |
| 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 and Consent to Establish Amendment valid till date 09-05-2023. |

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.,

| 112. | The SEIAA may revoke or | Noted. |
|------|--------------------------------------|--------|
| | suspend the clearance. if | |
| | implementation of any of the | |
| | above conditions is not found | |
| | satisfactory. | |
| | The company in a time bound | Noted. |
| | manner shall implement these | |
| 113. | conditions. The SEIAA reserves | |
| 115. | the right to stipulate additional | |
| | conditions, if the same is found | |
| | necessary. | |
| | The protect authorities shall | Noted. |
| | inform the GPCB, Regional | |
| | Office of MoEF and SEIAA about | |
| 114. | the date of financial closure and | |
| | final approval of the project by the | |
| | condemned authorities and the | |
| | date of start of the project. | |
| | This environmental clearance is | Noted. |
| 115. | valid for seven years from the date | |
| | of issue | |
| | Any appeal against this | Noted. |
| | environmental clearance shall lie | |
| | with the National Green Tribunal, | |
| 116. | if preferred, within a period of 30 | |
| | days as prescribed under Section | |
| | 16 of the National Green Tribunal | |
| | Act, 2010. | |
| | Submission of any false or | Noted. |
| | misleading information or data | |
| | which is material to screening or | |
| 117. | scoping or appraisal or decision | |
| | on the application makes this | |
| | environment clearance cancelled. | |
| | en in onnonn en european europheu. | |

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., <u>Gujarat</u>

LIST OF ANNEXURES

| ANNEXURES | PARTICULARS |
|---------------|---|
| ANNEXURE I(A) | COPY OF ENVIRONMENTAL CLEARANCE |
| ANNEXURE I(B) | COPY OF LAST VALID CONSENT |
| ANNEXURE II | PRODUCTION DETAILS FOR LAST SIX MONTHS |
| ANNEXURE III | ETP-RAW AND TREATED WATER ANALYSIS REPORT AND ETP SLUDGE ANALYSIS REPORT |
| ANNEXURE IV | FRESH WATER CONSUMPTION AND EFFLUENT GENERATION FOR LAST SIX MONTHS |
| ANNEXURE V | CGWA NOC COPY |
| ANNEXURE VI | STACK MONITORING REPORTS |
| ANNEXURE VII | ANALYSIS REPORT OF WORKPLACE AIR MONITORING |
| ANNEXURE VIII | HAZARDOUS WASTE GENERATION IN LAST SIX MONTHS |
| ANNEXURE IX | MEMBERSHIP CERTIFICATE WITH TSDF |
| ANNEXURE X | NOISE MONITORING REPORT |
| ANNEXURE XI | INDUSTRIAL RISK LIABILITY (INSURANCE POLICY) |
| ANNEXURE XII | CSR ACTIVITY DETAIL |
| ANNEXURE XIII | PAPER ADVERTISEMENT |
| ANNEXURE XIV | FUEL CONSUMPTION |
| ANNEXURE XV | NOC COPY OF PROPOSED EXPANSION |
| ANNEXURE XVI | EC COPY 2009 |
| ANNEXURE XVII | EC COPY 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 – April 2022 TO September 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-I(A) STATE LEVEL ENVIRONMENT

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



IMPACT ASSESSMENT AUTHORITY **GUJARAT**

Government of Gujarat

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

ByRPAD Date: 1 4 DEC 2018 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. / Cl no. | | End-use of the | | |
|------------|---|------------------------|--|---|--------------|---------------------------|
| | | | Existing | Proposed | Total | products |
| 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 MVV | Power Generation |
| By-Pro | oduct | <u></u> | | <u> </u> | | 1 |
| 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 14th September, 2006 subject to the Compliance of the following conditions.

1 SPECIFIC CONDITION :

Urifishall adopt proper methods for segregation of waste water streams based on characteristics at source and its sound pranagement 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. 1974 issued by CPCB regarding compliance of CETP.

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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.
- Total Industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed).
- 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 of 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 togbooks 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 ribintain 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 SO2 NOX | 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 SO2 NOX | Adequate Stack height | |
| 3 | Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by) | | | | SPM SO ₂ NOx | Adequate Stack height | |
| 4 | Thermic Fluid Heater 35.0 m (Natural Gas Based/LDO) (Common) (10 Million Kcal/Hr.) (Common) | | | | SPM SO2 NOX | Adequate Stack height | |

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| 5 | Thermic Fluid Heater | | | LDO | | 100 | | SPM | | Adequate |
|---------------|---|---------|-----|-----------|---------------------|-------|---------------------------|-----------------|--|---------------|
| | (LDO/NG Based) (10 | | 8 | 52 | | m3/d | lay | SO ₂ | | Stack height |
| | Million Kcal/Hr.) (Stand | | | | | | | NOx | | |
| | by) | | | | | | | | | |
| 6 | Thermic Fluid Heater | 50.0 m | | Coal | | 80 M | T/Day | SPM | | Electrostatic |
| | (Coal based) | | | | | | | SO ₂ | | Precipitator |
| | (14 Million Kcal/Hr.) | | | | | | | NOx | | |
| 7 | Steam boiler (1 TPH) | 11 m | | Natural | Gas | 5150 | 0 | SPM | | Adequate |
| | | | | | | sq.ci | m/day | SO2 | | Stack height |
| 8 | * Natural Gas Based CPP | 30 m | | | | | | NOx | | Adequate |
| | Engines(3.25 MW) | | | | | | | | | Stack height |
| 9 | Steam Boiler (40 TPH) for | 80.0 m | | Bagass | e& | 250 | ton/day | SPM | | Economizer, |
| | Biomass | | | 15% Co | al | 8 | | SO ₂ | | Air Pre- |
| | (Agrowaste/baggase) & | | | | | 35 N | IT/Day | NOx | | heater, |
| | Coal (15% as auxiliary | | | | | | | | | Electrostatic |
| | fuel) based Power Plant | | | | | | | | | Precipitator |
| 2 | (9 MW) # | | | | | | | | 200 | |
| - 15 A. 18 A. | osed | | | | 20020 | | | | | |
| Sr. | Source of emission | Stack | Тур | | 1111010 - 101000000 | ntity | Type o | | 1. | ollution |
| no. | With Capacity | Height | Fue | l, | of F | | Contraction of the second | ons i.e. | | ol Measures |
| | | (meter) | | | MT/I | Day | | lutants | (APC | |
| 1 | Steam Boiler (70 TPH) | 80.0 m | | orted | 450 | | SPM | | | omizer, Air |
| | for Coal based Power | | Coa | l/Lignite | tons | /day | SO ₂ | | | eater, |
| | Plant (21 MW) # | | | | or | | NOx | | | ostatic |
| 2 | Steam Boiler (23 TPH) | | | | 700 | onen. | | | Preci | pitator |
| | for Coal based Power | | | | tons | /day | | | | |
| 8 | Plant (21 MW) # | | e | | | | | | | |
| 3 | Thermic Fluid Heater | 50.0 m | | | [| | SPM | | | ostatic |
| | (Coal based) | | | | | | SO ₂ | | Preci | pitator (ESP) |
| | We are reading as a second state of the State of the second se | | | | | | | | | |
| | (18 Million Kcal/Hr.) | | | | | | NOX | | | |

20. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:

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- 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 reparding 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 SO2 and it shall be ensured that SO2 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 teachate collection facility, before its disposal.
 - Hazardous / Solid waste management shall be as below:

| Sr. no. | Type of Hazardous | Source of generation | Category per HW | Quantity (MT/Annum) | | | Disposal Method |
|------------|--|------------------------------|--------------------|---------------------|--------------------|--------------------|---|
| 110. | waste | generation | Rutes. | 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 Mear | 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 automization 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 safequards 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

5. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided

34. 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.
- Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

A. 6 NOISE:

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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 confirm 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.

- 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 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.
- 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 ÅА ours sincerely. 405 (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

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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 – April 2022 TO September 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.,

<u>Gujarat</u>

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

Date:

CCA-Amendment (No. AWH-104837)

NO: GPCB/CCA-SRT-995/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: 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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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.,

<u>Gujarat</u>

| 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 Yam/Texturised Yam | | 300 Tons/Day | 300 Tons/Day |
| 7 | Nylon-6 Chips/Nylon Yam | | 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)).
- 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 ask.
- 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. CONDITIONS UNDER WATER ACT, 1974:
 - 3.1. 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.

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<u> Period – April 2022 TO September 2022</u>

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.,

<u>Gujarat</u>

GUJARAT POLLUTION CONTROL BOARD



PARYAVARAN BHAVAN Sector-10-A, **Gandhinagar** 382 010 Phone : (079) 23222425 (079) 23232152 Fax : (079) 23232156 Website : www.gocb.gov.in

- 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 ⁰ 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 |
| Hexavelent Chromium | 0.1 mg/l |
| BOD (5 days at 20°C) | 400 mg/l |
| COD | 1000 mg/l |
| Total Dissolved Solids | 2100 mg/l |

- 3.12. The final treated effluent confirming 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 | | |
|------------------------|------------|--|--|
| РН | 6.5 TO 8.5 | | |
| Temperature | 40° C | | |
| Suspended Solids | 100 mg/ | | |
| Oil and Grease | 10 mg/l | | |
| Total Dissolved Solids | 2100 mg/l | | |
| Phenolic Compounds | l mg/l | | |
| Sulphides | 2.0 mg/ | | |

M/s. Shree Durga Syntex Pvt. Ltd.

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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.,

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| Ammonical Nitrogen | 50 mg/l |
|----------------------|-----------|
| Total Chromium | 2 mg/l |
| Hexavelent Chromium | 0.1 mg/l |
| BOD (5 days at 20°C) | 30 mg/l |
| COD | 100 mg/1 |
| Chlorides | 600 mg/1 |
| 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/HDPE 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 PEP1...
- 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.

M/s. Shree Durga Syntex Pvt. Ltd.

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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



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN Sector-10-A, Gandhinagar 382 010 Phone : (079) 23222425 (079) 23232152 Fax : (079) 23232156

- The authorized representative of PEPL may have right of entry at any time for the 3.24. purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of the applicant.
- 3.25. If the PEPLL 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.
- The applicant shall put up at the entrance a board displaying PEPLL membership number & 3.26 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. | Fael | 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 m³/day | | 100 m3/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 ₂ NO ₃ | 150 mg/NM ³ 100ppm 50ppm |
| 2 | Natural Gas Based Steam Boiler (1 TPH) | 11 | | PM SO ₂ NO ₈ | 150 mg/NM ³ 100ppm 50ppm |

M/s. Shree Durga Syntex Pvt. Ltd.

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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., <u>Gujarat</u>

| 3 | Coal Based Thermic Fluid Heater (14000 U) | 50 | Electrostatic Precipitator | PM SO2 NOx | 150 mg/NM ³ 100 ppm 50 ppm |
|----|---|----|---------------------------------------|--|---|
| 4 | 1 TPH Boiler with TFH (14000 U) | 11 | Waste heat recovery system | PM SO ₂ NO _x | 150 mg/NM ³ 100 ppm 50 ppm |
| 5 | Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by | 20 | | PM SO ₂ NO ₅ | L50 mg/NM ³ L00ppm 50ppm |
| 6 | Natural Gas & LDO/FO Based Thermic Fluid Heater (10000 U) × 2 One Stand by | 35 | | PM SO ₂ NO _x | 150 mg/NM ^Y 100ppm 50ppm |
| 7 | Captive Power Plant (9 MW) | 80 | Electro Static Precipitator | PM SO ₂ NO ₈ | 150 mg/NM ³ 100 ppm 50 ppm |
| 8 | Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) | 80 | Economizer, Air Pre-heater, ESP | PM SO ₂ NO, | L50 mg/NM ³ 100ppm 50ppm |
| 9 | Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) | | | | |
| 10 | Thermic Fluid Heater (Coal based) (18 millilon Kcal/hr) | 50 | ESP | PM SO ₂ NO ₄ | 150 mg/NM ³ 100ppm 50ppm |
| 11 | Steam Boiler (2 TPH) | 50 | Waste heat recovery system | PM SO ₂ NO ₄ | 150 mg/NM 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.

M/s. Shree Durga Syntex Pvt. Ltd. 01254

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Period – April 2022 TO September 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



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Phone : (079) 23222425

Sector-10-A, Gandhinagar 382 010

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

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 ³) | | | |
|---------------------------------|---|----------------|--|--|
| | Annual | 24 Hrs Average | | |
| Particulate Matter-10 (PM 10) | 60 | 100 | | |
| Particulate Matter- 2.5 (PM 25) | 40 | 60 | | |
| SO ₂ | 50 | 80 | | |
| NO | 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 sith 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.

- a) 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.
- b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- c) 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.
- d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- e) 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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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

- 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 | |
|------------|---|---------------------|-------------------------|---|--|
| T • | Chemical Sludge from waste water treatment | 75 | 35.3 | Collection. Storage Transportation and disposal 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** 0 (Sushil Vegda)

Senior Environmental Engineer

*0.526769 1A/11/2019 M/s. Shree Durga Syntex Pvt. Ltd. Nº N

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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 – April 2022 TO September 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

| S. | | | | Name of t | the Month | | |
|-----|----------------------------------|---------------|-------------|--------------|-----------|----------------|-------------------|
| No. | Product | April 2022 | May 2022 | June 2022 | July 2022 | August 2022 | September 2022 |
| 1 | Polyester Chips (TON/Month) | 9,152 | 4,707 | 3,667 | 6,587 | 6,818 | 7,719 |
| 2 | FDY(TON/ Month) | 5,297.91 | 5,638.18 | 5,722.11 | 5,728.21 | 5,825.40 | 5,301.75 |
| 3 | Partially Oriented Yarn (POY) | 874.05 | 2,139.14 | 2,020.85 | 1,961.52 | 2,189.02 | 1,994.71 |
| 4 | Gray Cloth (Meters/Month) | - | - | - | - | - | - |
| 5 | Texturized Yarn (TON/ Month) | 282.40 | 386.15 | 398.78 | 407.87 | 394.03 | 381.20 |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018 Period – April 2022 TO September 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., <u>Gujarat</u>

ANNEXURE-III

| Mill a HREE DURIGA SYNTEX PUT LTD PLOT NO. 25 E BLOCK NO. 128, 129, 130 & 175, VILL JOLVA TAL: PALSANA, SURAT-394305. Image: Comparison of Sampling Plottic Structure Structure Structure Structure Comparison of Sampling Plottic ETP INLET 09. Date of Sampling: 19.09.2022 01. Description of Sampling Plottic ETP INLET 09. Date of Sampling: 19.09.2022 00.2022 03. Type of Sampling: GRAB 11. Date of Analysis Start: 20.09.2022 00.2022 03. Type of Sampling: GRAB 12. Date of Analysis Start: 20.09.2022 00.2022 04. Name of Sampling Team: A 12. Date of Analysis Start: 20.09.2022 00.2022 05. Sample Quantity: 2.0 LTR 13. Customer's Ref.No: | | ME & ADDRESS OF CUSTOMER: | | ेंत | Issue Dat | 9 26/09/2022 | | |
|---|---|--|--|---|------------------------|---|--|--|
| ELOCK NO. 128, 129, 130 & 375, VILL JOLVA T. PALSANA, SURAT-394305. ELOCKS_INTOXE_CO_CO_CO_CO_CO_CO_CO_CO_CO_CO_CO_CO_CO_ | PLOT N | O.Z&E, | | | Report No | 220920 1718029 04 09 | | |
| OI. Description of Sampling Point: ETP INLET 09. Date of Sampling: 19.09.2022 02. Location of Sampling Point: ETP INLET 10. Date of Sample Received: 19.09.2022 03. Type of Sampling: GRA8 11. Date of Analysis Start: 20.09.2022 04. Name of Sampling: Texe: A 12. Date of Analysis Completion: 23.09.2022 05. Sample Quantity: 2.0 LTR 13. Customer's Ref.No: 06. Total no. of Sample: 01 14. Protocol Purpose: EC 07. Packing/Label/Seal: PACXINQLABEL 15. Work Order Date : 03. Sample: Inward No: 220919_3718029_04_000 16. Work Order Date : 03. GOD RESULT OF SAMPLE : 00. Date of Sampling Texes (RA.2001)_RAMODO 09. PARAMETERS UNIT LIMIT RESULT OF SAMPLE : 00. Cols PARAMETERS UNIT LIMIT RESULT (RA.2001)_RA.2000) 09. Otac memory in the internet internet (RA.2001) 15.3025 (Part-2) (RA.2001)_RA/2001) 09. Cols memory internet internet (RA.2001) 15.3025 (Part-2) (RA.2001)_RA/2001 09. Chemical Oxygen Demand for 3 days at 27°C - 31.0 15.3025 (Part-10) (RA.2001)_RA/2001 01. Chemical Oxygen Demand for 3 days at 27°C mg8 - 10.4 15.3025 Part-4 (RA.2001)_RA/2001 | VILL: JO SURAT- | LVA, TAL: PALSANA, 394305. | | _ | | -:1 | | |
| 03. Type of Sampling: GRAB 11. Date of Analysis Start: 20.09.2022 04. Name of Sampling Team: A 12. Date of Analysis Completion: 23.09.2022 05. Sample Quantity: 2.0 LTR 13. Customer's Ref.No: | 01. De | scription of Sample: RAW EFFLUENT | | | | | | |
| 04. Name of Sampling Team: A 12. Date of Analysis Completion: 23.09.2022 05. Sample Qeantity: 2.0 LTR 13. Custamer's Ref.No: 06. Total no. of Sample: 01 14. Protocol Purpose: EC 07. Packing /Label/Seai: FACKING/LABEL 15. Work Order Number : 08. Sample Inward No: 220919_1718029_04_090 16. Work Order Date : 07. Packing /Label/Seai: FACKING/LABEL 15. Work Order Date : 07. Packing /Label/Seai: FACKING/LABEL 15. Work Order Date : 08. Sample Inward No: 220919_1718029_04_090 16. Work Order Date : 07. RESULT OF SAMPLE : | | | | 0.000 | A 4 3 11 2 1 2 4 3 4 5 | | | |
| 06. Total no. of Sample: 01 14. Protocol Purpose: EC 07. Packing/Label/Seal: PACKING/LABEL 15.Work Order Number : 08. Sample Inward No: 220919_1715029_04_090 16.Work Order Data : C] RESULT OF SAMPLE : | | | | | | | | |
| 07. Packing/Label/Seal: PACKING/LABEL 15.Work Order Number : 08. Sample Inward No: 220919_1718029_04_090 16.Work Order Date : C) RESULT OF SAMPLE : | | | | | | | | |
| 08. Sample Inward No: 220919_1718029_04_090 16.Work Order Date : | | | | 200 A A A A A A A A A A A A A A A A A A | | NO | | |
| C) RESULT OF SAMPLE ; CODE PARAMETERS UNIT LIMIT RESULT TO SAMPLE ; CODE PARAMETERS UNIT LIMIT RESULT TO SAMPLE ; PS Temperature TEST METHOD Ps Test method TEST METHOD Ps Colspan="2">Test METHOD Ps Test method TEST METHOD Ps Test METHOD Op Test METHOD (R.A.:2012) (Greatment Exclude) Test METHOD (R.A.:2012) Op Test Deschool Solids mpil Colspan="2">Test METHOD (R.A.:2012) Op Colspan= 2126 <th anditadaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa<="" colspan="2" td=""><td>HE CONTRACTOR</td><td></td><td></td><td>0</td><td></td><td></td></th> | <td>HE CONTRACTOR</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> | | HE CONTRACTOR | | | 0 | | |
| CODE PARAMETERS UNIT LIMIT RESULT TEST METHOD P ₁ pH pH unit - 6.87 15:3025, (Part-2); (R.A2012) P ₂ Temperature - - 31.0 15:3025 (Part-2); (R.A2012) P ₂ Colou Pt. Co.Scale - 160 15:3025 (Part-10); (R.A2002) Px/Co. P ₄ Suspended Solida mpA - 172 15:3025 (Part-10); (R.A2012); (Gravinstitic method) P ₄ Total Desolved Solida mpA - 2176 AVAA 22*6 (Station:-2012); S200; (Gravinstitic method) O ₁ Chemical Doygen Demand mpA - 2176 AVAA 22*6 (Station:-2012); Gravinstitic method) O ₂ Bochemical Doygen Demand for 3 days at 27°C mpA - 11.4 15:3025 (Part-43); (R.A2009); G O ₃ Cir & Graves mpA - 11.4 15:3025 (Part-43); (R.A2009); G O ₄ Ammonical Nitiogen (as N) mpA - 11.4 15:3025 (Part-43); (R.A2009); G O ₄ Parnotic Compounds mpA | 5.17.57 | | | | | 0. | | |
| P. pH pH unit - 6.87 15:3025 (Part-2) (R.A2012) P3 Temperature °C - 31.0 15:3025 (Part-4) (R.A2006) P4 Colour P5. Colour P5. Colour P5. Colour P6. Colour P4 Suspended Solia mg/l - 172 IS:3025 (Part-17) (R.A2012) Consumation mg/l - 172 IS:3025 (Part-16) (R.A2012) On Chemical Descrived Solia mg/l - 2236 IS:3025 (Part-16) (R.A2012) On Chemical Dorgen Demand mg/l - 2176 APrin 22* (Bitter-10) (R.A2012) Op Biochemical Dorgen Demand mg/l - 11.4 IS:3025 (Part-4) (R.A2002) Op Biochemical Dorgen Demand for 3 days at 27°C mg/l - 11.4 IS:3025 Part-44 (R.A2009) Op Biochemical Nitogen (an N) mg/l - 11.4 IS:3025 (Part-34) (R.A2002)-A Op Subhametic Method mg/l - ND IS:3025 (Part-34) (R.A2003)-A O | | | UNIT | LIMIT | RESULT | TEST METHOD | | |
| Ps Colour Pt: Cs.State - 160 19.3025 (Part 4 (R.A2006)- Pt/Cs method Ps Suspended Solida mg/l - 172 19:3025 (Part - 17) (R.A2012) (Gravimetric method) Ps Total Denoted Solida mg/l - 2236 (Sravimetric method) 0- Chemical Oxygen Demand mg/l - 2176 APIA 22 ^{eff} Editor-2012, 5200 0- Chemical Oxygen Demand for 3 days at 27 ^o C mg/l - 11.4 19.3025 (Part - 4) (R.A2009) 0- Bischemical Oxygen Demand for 3 days at 27 ^o C mg/l - 11.4 19.3025 (Part - 30) (R.A2009) 0- Of & Greenee mg/l - 11.4 19.3025 (Part - 30) (R.A2009) Apid (S.A2009) 0- Ammonical Nitrogen (es N) mg/l - ND 19.3025 (Part - 32) (R.A2009)-A (Gravimetric method) 0- Ammonical Nitrogen (es N) mg/l - 0.21 19.3025 (Part - 32) (R.A2009)-A 0- Phenotic Compounds mg/l - 0.21 19.3025 (Part - 32) (R.A2014) 1- | 0.000 | 2322323232342 | | Same P. | THE REAL | IS:3025, (Part-2) (R.A2012) | | |
| Internation Internation Internation Px Suspended Solids mg/l - 172 15:3035 (Part-12) (R.A2012) (Gaviments method) Px Total Desolved Solids mg/l - 2236 15:3035 (Part-12) (R.A2012) (Gaviments method) 0; Chemical Oxygen Demand mg/l - 2176 APHA 22 ^{et} fotion-2012, 5200 0; Biochemical Oxygen Demand for 3 days at 27 ^o C mg/l - 660 15 3025 (Part-44 (R.A2009) 0; C// 6 & Gresse mg/l - 11.4 15 3025 (Part-34) (R.A2009)-A 0; C// 6 & Gresse mg/l - ND 15:3025 (Part-34) (R.A2009)-A 0; Q// Amenotical Nitrogen (as N) mg/l - ND 15:3025 (Part-34) (R.A2009)-A 0; Q// Amenotic Compounds mg/l - ND 15:3025 (Part-34) (R.A2009)-A 0; Sulphales mg/l - ND 15:3025 (Part-34) (R.A2009)-A 1; Sulphales mg/l - ND 15:3025 (Part-32) (R.A2004) 1; | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | - | | | | |
| Pr Total Desolved Solds mg/l - 2236 (Grewinweth: method) 01 Chemical Oxygen Demand mg/l - 2176 APHA 22* Editor-2012, 5200 02 Bischemical Oxygen Demand mg/l - 2176 APHA 22* Editor-2012, 5200 02 Bischemical Oxygen Demand for 3 days at 27°C mg/l - 660 15 3025 Pet 44 (R.A2009) 03 Of & Gresse mg/l - 11.4 18 3025 Pet 29 (R.A2003)-A 04 Ammonical Nitrogen (ss N) mg/l - 11.4 18 3025 (Pet -31) (R.A2003)-A 05 Of & Gresse mg/l - ND 15:3025 (Pet -32) (R.A2003)-A 04 Ammonical Nitrogen (ss N) mg/l - 0.21 15 3025 (Pet -32) (R.A2004) 05 Subhabes mg/l - ND 16 3005 (Pet -32) (R.A2014) 14 Subhabes mg/l - 845 3 APHA 22* Editor-3012 4300 SO-2* 15 Other as C1 mg/l - 845 3 APHA 22* Editor-3012 4300 SO-2* | P2 | Colour | Pt. Co.Scal | - | 160 | method | | |
| Pz Total Discoved Solds mg/l - 2236 IS:2015 (Part-16) (P.A2012) (Gravimetric method) 0, Chemical Oxygen Demand mg/l - 2176 APRA 22** Editor-2012, 5200 (Gravimetric method) 0, Dischemical Oxygen Demand mg/l - 2176 APRA 22** Editor-2012, 5200 (Gravimetric method) 0, Biochemical Oxygen Demand for 3 days at 27*C mg/l - 660 15 3025 Pert-34 (R.A2007)-A (Gravimetric Method) 0, Ammonical Nitrogen (as N) mg/l - 11.4 15 3025 (Pert-34) (R.A2007)-A (Gravimetric Method) 0, Ammonical Nitrogen (as N) mg/l - ND 15:3025 (Pert-34) (R.A2007)-A (Gravimetric Method) 0, Phenofic Compounds mg/l - 0.21 15:3025 (Pert-34) (R.A2004) 1, Sulphales mg/l - ND 15:3025 (Pert-34) (R.A2004) 1, Sulphales mg/l - ND 15:3025 (Pert-34) (R.A2014) 1, Sulphales mg/l - 845:3 APHA 22** 16:A-2004) 1, <td< td=""><td>P₄</td><td>Suspended Solida</td><td>mg/l</td><td>-</td><td>172</td><td></td></td<> | P ₄ | Suspended Solida | mg/l | - | 172 | | | |
| 0. Chemical Oxygen Demand mg/l - 2176 APHA 22 ^{ell} Editor-2012, 5200 0. Biochemical Oxygen Demand for 3 days at 27 ^{IC} mg/l - 660 15 3025 Pet -44 (R.A2007) 0. C/F & Gresse mg/l - 11.4 15 3025 Pet -44 (R.A2007)-A 0. C/F & Gresse mg/l - 11.4 15 3025 (Pet -34) (R.A2007)-A 0.4 Ammonical Nitrogen (se N) mg/l - ND 15:3025 (Pet -34) (R.A2007)-A 0.4 Ammonical Nitrogen (se N) mg/l - ND 15:3025 (Pet -34) (R.A2007)-A 0.4 Sulphales mg/l - ND 15:3025 (Pet -34) (R.A2007)-A 1. Sulphales mg/l - ND 15:3025 (Pet -34) (R.A2007)-A 1. Sulphales mg/l - ND 15:3025 (Pet -34) (R.A2007)-A 1. Sulphales mg/l - ND 15:3025 (Pet -32) (R.A2014) 1. Sulphales mg/l - ND 15:3025 (Pet -32) (R.A2014) 1. Sulphales mg/l - 845.3 APHA 22 ^{eff} 1. Sulphales mg/l - 620.81 15:3025 (Pet -32) (R.A2014) 1. Sulphales | Pr. | Total Dispolved Solids | mg/l | 1000 | 2236 | IS:3025 (Pert-16) (R.A2012) | | |
| Op Biochemical Doygen Demand for 3 days at 27°C mp3 - 660 15 3025 Pet 4 (R.A2007) Op Of & Greene mp3 - 11.4 15 3025 Pet 30 (R.A2007) Op Of & Greene mp3 - 11.4 15 3025 Pet 30 (R.A2007) Op Ammonical Nitrogen (se N) mp3 - ND 15:005 (Pet -34) (R.A2009) Op Phenolic Compounds mp3 - 0.21 15:3025 (Pet -32) (R.A2014) Op Phenolic Compounds mp3 - 0.21 15:3025 (Pet -32) (R.A2014) 1 Sulphates mg3 - ND 15:3025 (Pet -32) (R.A2014) 1 Sulphates mg3 - ND 15:3025 (Pet -32) (R.A2014) 1 Sulphates mg3 - 845.3 APHA 22" Editors-2012 4500 SD+2" 1 Chioride es Cl mg3 - 845.3 APHA 22" Editors-2012 (R.A2014) 1 Sulphates mg3 - 845.3 APHA 22" Editors-2012 (R.A2014) Memarks: ND: Not Detectable.< | 0, | Chemical Oxygen Demand | mg/l | | 2176 | APHA 22 rd Edition-2012, 5200 | | |
| Or Convertence Co | 0, | Biochemical Oxygen Demetid for 3 days at 27°C | mg/l | - | 660 | | | |
| Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<> | Og | OP & Grease | mg/l | - | 11.4 | 15 3025 Pert-39 (R.A2003)-A (Gravimetric Method) | | |
| Or Phenolic Compounds mpR - 0.21 15 3025 (Part-43) (R.A2009)-A I. Sulphales mpR - ND 15 3025 (Part-43) (R.A2014) (Jodonwskic Method) I. Sulphales mpR - ND 15 3025 (Part-43) (R.A2014) (Jodonwskic Method) I. Sulphales mpR - 845.3 APHA 27 (Edition-2012 4500 SD-F) (Turbicity method) I. Chloride as Cl mgR - 845.3 APHA 27 (Edition-2012 4500 SD-F) I. Chloride as Cl mgR - 845.3 Iscore 2012 4500 SD-F) I. Chloride as Cl mgR - 845.3 Iscore 2012 4500 SD-F) I. Chloride as Cl mgR - 820.81 15:3025 (Part-32) (R.A2014) Remarks: ND: Not Detectable. En-Vision Environmental Services (Testing Laboratory), Surat Mere cults relate only to the items tested. Re results relate only to the items tested. Envision No: 00 Date: 07.12.18 W/// | 04 | Ammonical Nitrogen (as N) | mg/l | 10.20 | ND | 15:3025 (Pert-34) (R.A2009)- C- Distillation/ Thrimatric method) | | |
| In Sulphates Impli - 845.3 APHA 22 ^m Edition-2012 4500 SD-4 ⁻ (Turbicity method) Is Choride an Cl mgli - 845.3 APHA 22 ^m Edition-2012 4500 SD-4 ⁻ (Turbicity method) Is Choride an Cl mgli - 620.81 15:2025 (Part-32) (R.A2014) Remarks: ND: Not Detectable. En-Vision Environmental Services., (Testing Laboratory), Surat Note: The results relate only to the items tested. The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. Fint No: LAB/FM/05 Revision No: 00 Date: 07:12:18 Mr. Vasant Shah | Og | Phenolic Compounds | ng/l | - | 0.21 | | | |
| In Substance Impl - 845.3 APHA 22 ^{eff} Editor-2012 4500 SOu ² (Turbidity method) Is Choride as Cl mgA - 620.81 15:3025 (Part-32) (R.A2014) Remarks: ND: Not Detectable. En-Vision Environmental Services., (Testing Laboratory), Surat Note: En-Vision Environmental Services., (Testing Laboratory), Surat The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. Timt No: LAB/FM/05 Revision No: 00 Date: 07.12.18 Wr. Vasant Shah | ł, | Sulphides | mg/l | 1.7 | ND | | | |
| Remarks: ND: Not Detectable. 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. Finit No: LAR/FM/05 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah | h | Sulphates | Nom | - | 1.222 | APHA 22" Edition-2012 4500 SD+- | | |
| 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. Finit No: LAB/FH/05 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah | -le | Chioride as Cl | ngi | 1.000 | 629.81 | 15:3025 (Part-32) (R.A2014) | | |
| Tested By: (Technical Manager) | Note: The resu The test Finit No: | En Its relate only to the items tested, report shall not be reproduced except in full, LAR/FH/05 Revision No: 00 Date: 07.12.18 | | | | natory. | | |

<u> Period – April 2022 TO September 2022</u>

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.,

| | | | | Issue Dat | e 26/09/2022 |
|-------------------|---|---------------|----------------|--------------|---|
| | REE DURGA SYNTEX PVT LTD D. Z & E. | | 1 | Report No | 220926 1718029 04 091 |
| ILL: JO | NO.128, 129,130 & 175, LVA, TAL: PALSANA, 394305. | | 870 870 | | |
| | CRIPTION OF SAMPLING : | | | | |
| 1.2 | scription of Sample: RAW EFFLUENT sation of Sampling Point: ETP AFTER PR | MARY | | f Sampling: | 19.09.2022 aceived: 19.09.2022 |
| | e of Sampling: GRAB | | 10000000000 | | tart: 20.09.2022 |
| | me of Sampling Team: A | | 12. Date o | f Analysis C | ompletion: 23.09.2022 |
| | mple Quantity: 2.0 LTR | | | mer's Ref.N | |
| C.C.C.C.C. | tal no. of Sample: 01 | | 2.000 | ol Purpose: | |
| | cking/Label/Seal: PACKING/LABEL | | and the second | order Numb | |
| vo. 54 | mple Inward No: 220919_1718029_04_0 | 6/4 | TO MOLK C | order Date : | 7 |
| T RES | JLT OF SAMPLE : | | | | |
| CODE | PARAMETERS | UNIT | LIMIT | RESULT | TEST METHOD |
| Ψ. | pH | pH Unit | - | 8.36 | 15:3025, (Fart-2) (R.A2012) |
| Р; | Temperature | *0 | | 29.0 | 15 3025 (Part-09) (R.A2006) |
| Pa | Colour | Pt. Ci.Sol | | 120 | 15 3025 Part-4 (R.A2006)- Pt/Co method |
| Pa | Suspended Solids | mg/t | - | 122 | 15:3025 (Part-17) (R.A2012) (Gravimetric method) |
| Ρ, | Total Desolved Solids | ng/i | | 2462 | IS:3025 (Pert-16) (R.A2012) (Gravimetric method) |
| 0, | Chemical Oxygen Demand | mg/l | | 1168 | APHA 22 rd Edition-2012, 5200 |
| 01 | Biochemical Oxygen Demand for 3 days at 27 | tem 2º | | 354 | (Close reflux -Titrimetric method) 15 3025 Part-44 (R.A2009) |
| 0, | OR & Greese | mg/l | - | 7.10 | 15 3035 Part-36 (R.A2003)-A |
| O ₄ | Ammonical Nitrogen (as N) | mg/l | - | ND | (Gravimetric Method) 15:3025 (Pert-34) (R.A2009)- C- |
| | | | | | Distillation/Titrimetric method) |
| 0e | Phenolic Compounds Subhides | mg/i mg/i | | 0.17 ND | 15 3025 (Part-43) (R.A2009)-A 15 3025 (Part-29) (R.A2014) |
| | | man | - | | (Jodonvetric Method)/ |
| 14 | Subhatas | ngt | | 565.74 | APHA 22 st Edition-2012 4500 SO+-*- (Turbidity method) |
| ŀ | Chioride as Cl | mgi | 1.1 | 549.87 | 15:3025 (Pert-32) (R.A2014) |
| Note: The resi | : ND: Not Detectable. ults relate only to the Rems tested. report shall not be reproduced except in / LAB/FM/05 Revision No: 00 Date: 07.12. | ul, without w | | | , (Testing Laboratory), Surat oratory. معمد من * Mr. Vasant Shah |
| T | ested By: | | | | (Technical Manager) |
| | 1 Martine | End of R | | | and the solider of 2 distant |

<u> Period – April 2022 TO September 2022</u>

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 MI 97277 51088 201 & 301, Union Trade Center (UTC) ENVIRONMENTAL SERVICES Nr. Apple Hospital, Udhana Darwaja, Surat - 195 002 Ŧ 0261-2344773 l info@en-vision.co.in i lab@en-vision.co.in 2 Pollution Control Consultants & Engineers WASTE WATER ANALYSIS REPORT [A] NAME & ADDRESS OF CUSTOMER: 26/09/2022 Issue Date M/S.SHREE DURGA SYNTEX PVT LTD PLOT NO. Z & E. Report No. 220926 1718029 04 092 BLOCK NO. 128, 129, 130 & 175, VILL: JOLVA, TAL: PALSANA, SURAT-394305. [B] DESCRIPTION OF SAMPLING : 01. Description of Sample: RAW EFFLUENT 09. Date of Sampling: 19.09.2022 02. Location of Sampling Point: ETP OUTLET 10. Date of Sample Received: 19.09.2022 03. Type of Sampling: GRAB 11. Date of Analysis Start: 20.09.2022 12. Date of Analysis Completion: 23.09.2022 04. Name of Sampling Team: A 05. Sample Quantity: 2.0 LTR 13. Customer's Ref.No: --06. Total no. of Sample: 01 14. Protocol Purpose: EC 07. Packing/Label/Seal: PACKING/LABEL 15.Work Order Number : 08. Sample Inward No: 220919_1718029_04_092 16.Work Order Date : ---**ICI RESULT OF SAMPLE :** PARAMETERS CODE UNIT LIMIT RESULT TEST METHOD pH 85-85 pH Unit 7.69 15:3025, (Part-2) (R.A.-2012) Temperature 50 40.0 28.0 15-3025 (Part-09) (R.A.-2006) Ρ. P. Co Scale 85.0 15 3025 Part-4 (R.A.-2006)- PL/Co 礽 Colour 100 machod 66.0 IS:2025 (Fert-17) (R.A.-2012) 3P.4 Suspended Solida mg/i 300 (Gravimetric method) IS:3025 (Part-16) (R.A.-2012) Total Dissolved Solid 2100 2054 Ρ, mig/ (Ginevime tric method) 0 Chemical Oxygen Demand 1000 608 APHA 22* Edition-2012, 5200 mig/i [Close reflux -Titrimetric method] 15 3025 Part-44 (R.A.-2009) 400 0 Blochemical Dxygen Demand for 3 days at 27°C mp/i 180 04 OF & Clease 10.0 3,80 15 3025 Pert-39 (R.A.-2003)-A (Gravimetric Method) mits/ 0, Ammonical Nibogen (as N) mar 50.0 ND IS:3025 (Pert-34) (R.A.-2009)- C-Phenolic Compounds O₄ ma/l 1.0 0.11 15 3025 (Part-43) (R.A.-2009)-A 2.0 15 3025 (Part-291 (R.A.-2014) ١. Sulphides mig/l ND Indometric Nethody 1000 APHA 22rd Edition-2012 4500 SO+-*-E-(Turbidity method) Ŀ. Sulphates mg/ 388.67 459.9 IS:3025 (Pert-32) (R.A.-2014) 600 ١. Chioride as Cl mal (Argentometric m thod 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 pero. 34 Mr. Vasant Shah Tested By: (Technical Manager) End of Report Page 1 of 1

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<u> Period – April 2022 TO September 2022</u>

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.,

| | E & ADDRESS OF CUSTOMER: | | Issue D | late 26/09/2022 |
|---------------------------|---|-------------|---------------|---|
| PLOT NO | EE DURGA SYNTEX PVT.LTD 2. Z & E. VO.128, 129,130 & 175. | | Report | No. 220926_1718029_06_0 |
| B) DES | | | | |
| | mple Inward No : 220919_1718029_06_093 | | | pling : 01:20 PH |
| | ation of Sampler : ETP SLUDGE ne of Sampling Team: A | | | ple Received : 19.09.2022 ysis Start : 20.09.2022 |
| | e of Sampling : 19.09.2022 | 08.1 | Date of Anal | ysis Completion : 23.09.2022 |
| CODE | PARAMETERS | UNIT | RESULT | TEST METHOD |
| Pi | PARAMETERS | PHURE | 7.51 | 15 2720 (Part - 26) - 1987 (Reaffirmed 2007) |
| 1/2 | Total Dissolved Solids (TDS) | gm/kg | 12.0 | (Reaff.2005)- Gravimetric method |
| р, | Alkalinity | gm/kg | 7.40 | 15:3025 (Part-23) : 1986 (Reaff.2009) Titrimetric method |
| Pa | Moisture | * | 11.6 | 1S 2720(Part + 2) : 1973 (Reaffirmed 2007). |
| 9 | Phenolic Compounds as C ₄ H ₂ OH | gm/kg | H2 | 15 3025 (Part-43): 1992 (Real7.2009)- A |
| 0, | Chemical Oxygen Demand | gm/kg | 24.0 | APHA 22 rd Edition-2012 5200 - C (Close reflux -Titrimetric method) |
| 03 | Biochemical Oxygen Demand for 3 days 27°C | gm/kg | 9.00 | 15 3025 Part-44-1993 (Reaff.200 |
| The test of Timt No: 1 | ts relate only to the items tested. report shall not be reproduced except in full, with AB/PH/03 Revision No: 00 Date: 07.12.18 | out written | approval of t | Mr. Vasant Shah |
| | End of R | eport - | | |
| - | End of R | epore | | |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018 Period – April 2022 TO September 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 **956.1 KL/Day**. Monthly Total Water consumption details are given as below;

| SN | Month | Qty (KL/Month) | Qty (KL/Day) |
|----|----------------|----------------|--------------|
| 1 | April 2022 | 43777 | 1459.23 |
| 2 | May 2022 | 26333 | 849.45 |
| 3 | June 2022 | 18458 | 615.26 |
| 4 | July 2022 | 16359 | 579.70 |
| 5 | August 2022 | 21988 | 709.29 |
| 6 | September 2022 | 45712 | 1523.73 |

The Avg. industrial waste water generation in last six months is **92.42 KL/Day**. Monthly waste water generation details are given as below;

| SN | Month | Qty (KL/Month) | Qty (KL/Day) |
|----|----------------|----------------|--------------|
| 1 | April 2022 | 4123 | 137.43 |
| 2 | May 2022 | 2890 | 93.22 |
| 3 | June 2022 | 6714 | 223.8 |
| 4 | July 2022 | 2715 | 87.58 |
| 5 | August 2022 | 302 | 9.74 |
| 6 | September 2022 | 83 | 2.76 |

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

<u>Gujarat</u>

ANNEXURE-V

| | | | | | | _ 0 | CE CON | • | | | River | जल जल सं और ग केन्द्रीय Gove | ent & Ga | त्रालय ो विकास ा विभाग प्राधिकरण of India I Shakti er Resou anga Rej | uvenation |
|----|---------------------------|---------------|----------|------------------|-------------|----------------------|---------------------|-------------------------------------|-------------------------|------------------|--------------------|--|-----------|---|----------------|
| | | | СТІС | ON CE | RTIFIC | ATE | (NOC |) FOI | | | Contraction of the | R ABS | RAC | TION | |
| | oject Name | | | | | | | ex Pvt L | | | | | | 4 | |
| | oject Addre | ess: | | | Block | NO 12 | 8,129, | 130 An | | Plot No Block | 1.000.00 | E, Village Isana | - Joiva, | laluka | Palsan |
| | llage: strict: | | | | Surat | | | | | State: | 0 1003 | jarat 🚿 | 0 | | |
| | n Code: | | | | Suiat | | | | | State: | GU | jarat | | | |
| | ommunicati | on Addre | ess: | | Plot N | lo 21 ⁻ | To 29 | Anand I | ndustria | Estat | e., U.m | road, Nr. | Began | i Dveino | Mills P |
| | eindinoau | | | | | | | | | | | - 395017 | Dogun | . Dyonig | , 11110 1 |
| A | ddress of C | GWB Re | gional | Office : | | | | | | | | on, Swam rat - 3800 | | an Colle | ege, |
| 1. | NOC No.: | | CGV | VA/NOC | /IND/O | RIG/20 | 021/12 | 312 | | K. | 2 | | | | |
| | Application | | | | J/IND/2 | | | | | Categ (GWF | ory: E 2017) | | Safe | | |
| 4. | Project Sta | atus: | Exis | ting Pro | ject | | | 1 | 5. | NOC | Туре: | Ne | w | | |
| 6. | Valid from | n: | 10/1 | 2/2020 | | | | 2 | 7. | Valid | up to: | 09 | /12/202 | 23 | |
| 8. | Ground W | | tractio | n Permi | | | | 2V | | 11 | | | | 100 W 10 | |
| | | Water | | | Saline | 12.5.10.12.5.2.5 | | | | wateri | | | | Total | 14.0.00 |
| | m³/day 1381.00 | m³/y 50406 | | m ³ / | /day | m | ³/year | | m³/day | - | m³/year | m | ³/day | m | ³/year |
| | Details of | | 0.000000 | bstractio | on /Dev | aterin | a struc | tures | | | | | | | |
| | | | | | ting No | | 0 - 1 - 0 | | | | Т | otal Pro | oosed I | No.:0 | |
| | | | | DW | DCB | BW | TW | MP | MPu | DW | DCB | BW | TW | MP | MPu |
| | Abstraction | | | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | - Dug Well; D Ground W | - | | | | | | | ne Pit;MPu | I-Mine F | umps | 1520 | 585.00 | 9 | |
| | Number of | | | | | | | | Piezome | tere | | Monitori | | | |
| | constructe | | | | | | | NO. 01 1 | 10201116 | | | MOTILOTI | IS MCC | aniəni | |
| | | C | 1 | | | | | | | | Manual | DWLR** | DWL | R With | Felemet |
| | **DWLR - Di | gital Water | Level R | ecorder | | | | | 2 | | 0 | 1 | | 1 | |
| | 3 | 18/11, जाम | ग्नगर हा | | सेंह रोड, न | ई दिल्ली ne: (011 | - 11001) 233835 | 1 / 18/11. 61 Fax: 2 cgwa-noo | 3382051, 2. c.gov.in | r House | Mansingh | Road, New | Delhi-110 | 9011 | |

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: 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. 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) within one year from the date of issue of this NOC. 8) Industries abstracting ground water in excess of 100 m 3 /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 failing which the firm shall be responsible for any consequences arising therearen. 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 Guideliner 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 CPCE 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 m3/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. The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be
 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 – April 2022 TO September 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., <u>Gujarat</u>

ANNEXURE-VI

STACK MONITORING REPORTS

| M/8.8HR9 | & ADDRESS OF CUSTOMER: | | | Issue Da | te 26/09/2022 |
|--|--|----------------------------|---|----------------------------------|---|
| PLOT NO | | | | Report N | NAME OF CONTRACTOR |
| VILL: JOL TAL: PAL SURAT-3 | SANA. | | | | 220026_1110020_02_ |
| (B) DESC | CRIPTION OF SAMPLING : | | 22 | | |
| | ation of Sample : STACK nple Inward No: 220919_1718 | 029 02 085 | | empling Platfor | om : YES pling port-Hole : × 22 MTR. |
| 10 12 13 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Representative : M\S. ENES | | | | cint Used : 1.0 |
| - | me of Sampling Team : A | | | | Flue gas : 142°C |
| 21 6222 | tus of Sources : STEAM BOILER tus of Sources : NOT SPECIFIE | | 20001077 | verage flue Ga ate of Samplin | s Velocity : 5.96 m/sec |
| | acity of Sources : 9 MW | 5 | | | Received : 19.09.2022 |
| | Used in Sources : BAGASSE/ | COAL | | | Start : 20.09.2022 |
| 122 120 | arces Make by : NOT SPECIFIED | Construction of the second | A second s | ALL LUC AL ARTIC | Completion : 20.09.2022 |
| 10. Pre HEATER | vision of APCD : ESP, ECONOM | IZER, AIR PRE | E 20. W | ork order Nun | iber : |
| [C] RESU | ILT OF SAMPLE : | | | | |
| CODE | PARAMETERS | UNIT | LIMIT | RESULTS | TEST METHOD |
| S3 | Suspended Particular Matter | mg/Nm ² | 150 | 53.6 | 18 11255 (Part-1) (R.A2014) |
| S ₄ | NOx | ppm | 50 | 10.0 | 18 11255 (Part-7) (R.A-2012) |
| 85 | SO) | ppm | 100 | 22.4 | 18 11255 (Part-2) (R.A2014) |
| | | | hout written | approval of the | |
| The test of Fmt No: L | s reliate only to the items tested. sport shall not be reproduced exe AB/FM/04 Revision No: 00 Date: | 07.12.18 | | | Mr. Vasant Shah (Technical Manager |
| The result The test of Fmt No: L | port shall not be reproduced ex AB/FM/04 Revision No: 00 Date: | 20-001500 | Report- | | Mr. Vasant Shah |

<u> Period – April 2022 TO September 2022</u>

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.,

| | & ADDRESS OF CUSTOMER: | | | Issue Da | te 26/09/2022 | | |
|---|---|--------------------|--------------|-------------------------|--|--|--|
| PLOT NO. | | | | Report N | lo. 220926 1718029 02 | | |
| VILL: JOL TAL: PALI SURAT-35 | BANA, | | | | | | |
| [B] DESC | RIPTION OF SAMPLING : | | | | | | |
| | ation of Sample : STACK nple Inward No: 220919_1718 | 240 00 000 | | ampling Platfo | nm : YES pling port-Hole : × 19 MTR. | | |
| - 1770 - 1-1- | Representative : M\S. ENES | 022_02_086 | | | Point Used : 1.0 | | |
| | ne of Sampling Team : A | | | | Flue gas : 125 °C | | |
| 05. Nar | me of Sources : THERMICFLUID | HEATER | 15. A | verage flue Ga | s Velocity : 5.63 m/sec | | |
| | tus of Sources : NOT SPECIFIE | <u></u> | | ate of Samplin | | | |
| 100000000000000000000000000000000000000 | ecity of Sources : 14 MILLION Used in Sources : COAL | KCAL/HR | | | Received : 19.09.2022 Start : 20.09.2022 | | |
| | rces Make by : NOT SPECIFIEL | | - 238 23 | | Completion : 20.09.2022 | | |
| 10001252 | vision of APCD : ESP | | 1.000 | 20, Work order Number : | | | |
| CT RESU | LT OF SAMPLE : | | 1 | | | | |
| CODE | PARAMETERS | UNIT | LIMIT | RESULTS | TEST METHOD | | |
| Sa | Suspended Particular Matter | mgNm ³ | 150 | 57.3 | 18 11255 (Part-1) (R.A-2014 | | |
| S. | NOx | ppm | 50 | 8.00 | 18 11255 (Part-7) (R.A201 | | |
| 85 | 80 | ppm | 100 | 17.4 | 18 11255 (Part-2) (R.A2014 | | |
| The test of Fint No: D | relate only to the items tested. port shall not be reproduced ex RA/FM/04 Revision No: 00 Date: | cept in full, with | hout written | approval of the | laboratory. Mr. Vasant Shal (Technical Manag | | |
| | | — End of | Report — | | Pa | | |

<u> Period – April 2022 TO September 2022</u>

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.,

| | & ADDRESS OF CUSTOMER: | G. Martinet | K TEST REP | | | | |
|---|--|-------------------|--|-------------------------|--|--|--|
| M/S.SHR PLOT NO | EE DURGA SYNTEX PVT LTD | | | Issue Da | 2 | | |
| BLOCK N VILL: JOL TAL: PAL SURAT-3 | SANA | | | Report N | 0. 220926_1718029_02_0 | | |
| | CRIPTION OF SAMPLING : | | | | | | |
| | cation of Sample : STACK mple Inward No: 220919_1718 | 029 02 087 | | ampling Platfo | rm : YES pling port-Hole : + 7.0 MTR. | | |
| 10000000 | Representative : M\S. ENES | | 1. | | oint Used : 1.0 | | |
| 04. Na | me of Sampling Team : A | <i>a</i> | 14. T | emperature of | Flue gas : 127 °C | | |
| | me of Sources : STEAM BOILER | | | | s Velocity : 5.59 m/sec | | |
| 5453TTP | itus of Sources : NOT SPECIFIE pacity of Sources : 1.0 TPH | D | 224.64 | ate of Samplin | g : 19.09.2022 Received : 19.09.2022 | | |
| 1. | al Used in Sources : NATURAL | GAS | | | Start : 20.09.2022 | | |
| 1.000 | arces Make by : NOT SPECIFIED | | | | Completion : 20.09.2022 | | |
| 10. Pre | vision of APCD : NA | | 20. W | 20. Work order Number : | | | |
| [C] RES | ULT OF SAMPLE : | | | | | | |
| CODE | PARAMETERS | UNIT | LIMIT | RESULTS | TEST METHOD | | |
| S ₃ | Suspended Particular Matter | mgNm ² | 150 | 11.1 | IS 11255 (Part-1) (R.A2014) | | |
| Se. | NOX | ppm | 50 | 3.10 | IS 11255 (Part-7) (R.A2012) | | |
| Ss | SO2 | ppm | 100 | 1.80 | IS 11255 (Part-2) (R.A2014) | | |
| he test r | s relate only to the items tested. sport shall not be reproduced ex AB/FM/04 Revision No: 00 Date: | cept in full, wi | thout written | approval of the | Taboratory. | | |
| Te | sted By: | | | | Mr. Vesant Shah (Technical Manager) | | |
| | | End o | f Report | | | | |
| | | | | | | | |

<u> Period – April 2022 TO September 2022</u>

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-visio 201 & 301, Union Trade Center (UTC) M = 97277 510BB ENVIRONMENTAL SERVICES т : 0261-2344773 Nr. Apple Hospital, Udhana Darwaja, Surat - 395 002 t info@en-vision.co.in t lab@en-vision.co.in e. Pollution Control Consultants & Engineers ii. STACK TEST REPORT (A) NAME & ADDRESS OF CUSTOMER: M/S.SHREE DURGA SYNTEX PVT.LTD 26/09/2022 Issue Date PLOT NO. Z & E. Report No. BLOCK NO.128, 129, 130 & 175, 220926 1718029 02 088 VILL: JOLVA, TAL: PALSANA SURAT-394305. [B] DESCRIPTION OF SAMPLING : 01. Location of Sample : STACK 11. Sampling Platform : YES 02. Sample Inward No: 220919_1718029_02_088 12. Location of Sampling port-Hole : # 14 MTR. 03. Lab Representative : M\S. ENES 13, No.of Traveres Point Used : 1.0 14. Temperature of Flue gas : 124 °C 04. Name of Sampling Team : A 05. Name of Sources : THERMIC FLUID HEATER 15. Average flue Gas Velocity : 5.58 m/sec 06. Status of Sources : NOT SPECIFIED 16. Date of Sampling : 19.09.2022 07. Capacity of Sources : 200 U NOS. OF 2.0 17. Date of Sample Received : 19.09.2022 08. Fuel Used in Sources : NATURAL GAS 18. Date of Analysis Start : 20.09.2022 19. Date of Analysis Completion : 20.09.2022 09. Sources Make by : NOT SPECIFIED 10. Provision of APCD : NA 20. Work order Number : ---[C] RESULT OF SAMPLE : UNIT LIMIT RESULTS CODE PARAMETERS TEST METHOD 10.6 8 Suspended Particular Matter 150 IS 11255 (Part-1) (R.A.-2014) molNm 50 1.70 18 11255 (Part-7) (R.A.-2012) S. NO. pom 100 1.30 18 11255 (Part-2) (R.A.-2014) 8. 80. ppm Note: "Particulate Matter at 11% Or 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. Fmit No: LAB/FM/04 Revision No: 00 Date: 07.12.18 autor on . 4 Mr. Vasant Shah Tested By: (Technical Manager) End of Report-

Page 1 of 1

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<u> Period – April 2022 TO September 2022</u>

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.,

| M 3.5HH | & ADDRESS OF CUSTOMER: | 2 | | Issue Da | te 26/09/2022 | | |
|---|--|--------------------|---------------|-------------------------|--------------------------------------|--|--|
| PLOT NO | | | | Report N | | | |
| BLOCK N VILL: JOL TAL: PAL SURAT-3 | SANA. | | | | 0. 220926_1718029_02 | | |
| (B) DES | CRIPTION OF SAMPLING : | | | | | | |
| 01. Los | sation of Sample : STACK | | 11. 5 | ampling Platfo | rm : YES | | |
| 1206.0035 | mple Inward No: 220919_1718 | 029_02_089 | · | | pling port-Hole : * 14 MTR. | | |
| 144 A 144 | Representative : M\S. ENES | | | | Flue gas : 132 °C | | |
| 1.01 C | me of Sampling Team : A me of Sources : THERMIC FLUR | HEATER | 1000 | | s Velocity : 5.62 m/sec | | |
| 1.200.000 | tus of Sources : NOT SPECIFIE | | | ate of Samplin | | | |
| 1 1 1 1 1 1 1 1 | pacity of Sources : 10000 U NO | | | | Received : 19.09.2022 | | |
| 08. Fu | al Used in Sources : NATURAL (| AS | 18. D | ate of Analysis | Start : 20.09.2022 | | |
| 09. See | urces Make by : NOT SPECIFIED | 8 | 19. D | ate of Analysis | Completion : 20.09.2022 | | |
| 10. Pro | vision of APCD : NA | | 20. W | 20. Work order Number : | | | |
| [C] RES | ULT OF SAMPLE : | | | | | | |
| CODE | PARAMETERS | UNIT | LIMIT | RESULTS | TEST METHOD | | |
| Si | Suspended Particular Matter | mg/Nm ³ | 150 | 10.7 | 18 11255 (Part-1) (R.A.+2014 | | |
| Si | NOX | mqq | 50 | 1.80 | IS 11255 (Part-7) (R.A2012 | | |
| 85 | 80; | ppm | 100 | 1.20 | 48 11255 (Part-2) (R.A2014 | | |
| Note: | s relate only to the items tested. sport shall not be reproduced ex AB/FM/04 Revision No: 00 Date: | cept in full, with | thout written | approval of the | laboratory. | | |
| The test n | 8 | | | | Mr. Vasant Shah | | |
| The test of First No: L | sted By: | | | | Mr. Vasant Shah (Technical Manage | | |
| The test of First No: L | ted By: | End of | Report | | | | |
| The test of First No: L | ted By: | 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 – April 2022 TO September 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.,

<u>Gujarat</u>

ANNEXURE-VII

ANALYSIS REPORT OF WORKPLACE AIR MONITORING

| | E & ADDRESS OF CUSTO EE DURGA SYNTEX PVT | | | | Issue Dat | 26/03/2022 |
|---|--|-------------------|-----------|---|---------------|---|
| PLOTING BLOCK N VILL: JO TAL: PAL SURAT-3 | VO.128, 129,130 & 175, LVA, JSANA, | | | | Report N | 0. 221126_1718029_01_08 |
| 10 | RIPTION OF SAMPLING | | 01 082 | 05. Duri | ation of Sam | pling : 8.0 HOURS |
| | ation of Sampler : NEAR | | | | | Received : 19.09.2022 |
| | ne of Sampling Team: A | | | 1 C C C C C C C C C C C C C C C C C C C | | Start : 20.09.2022 |
| 04. Dat | e of Sampling : 19.09.20 | 22 | | 08. Date | e of Analysis | Completion : 20.09.2022 |
| [C] RES | JLT OF SAMPLE : | | | | | |
| CODE | PARAMETER8 | UNIT | Lis | IT | RESULTS | TEST METHOD |
| | | | 8.0 Hour | 24 Hour | | |
| A. | PMts | pg/m" | 100 | - | 71.6 | 15 5182 (Part-23) 2009 Gravimetric method |
| A. | PM _{0.0} | hðjul, | 60 | 1.00 | 37.4 | Lab SOP-STP-A, based on CPC guideline, 2011 B Instrument Manual |
| A, | NOx | hðju, | 80 | 10700 | 16.1 | 15 5182 (Part-6) (R.A2012) |
| Ac | SO ₂ | µg/m ¹ | 80 | 100 | 11.7 | 15 5182 (Part-2) (R.A2012) |
| The test i | Is relate only to the terms report shall not be reprodu AB/FM/07 Revision No: 00 | ced except | | it written ap | proval of the | Mr. Vasant Shah |
| G | ted By: | | | | | (Technical Manager) |
| | | 110 | End of Re | nert - | | |
| | | | | | | |
| (H | | | | | | |

<u> Period – April 2022 TO September 2022</u>

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

en-vision M: 97277 51068 201 B 301, Union Trade Center (UTC) ENVIRONMENTAL SERVICES T : 0261-2344773 Nr. Apple Hospital, Udhana Darwaja, Surat - 395 002 e : infogen-vision.co.in e : lab@en-vision.co.in Pollution Control Consultants & Engineers AMBIENT AIR TEST REPORT [A] NAME & ADDRESS OF CUSTOMER: 26/09/2022 Issue Date M/S.SHREE DURGA SYNTEX PVT_LTD PLOT NO. Z & E. Report No. 221126 1718029 01 083 BLOCK NO.128, 129, 130 & 175, VILL: JOLVA, TAL: PALSANA SURAT-394305. [8] DESCRIPTION OF SAMPLING 1 01. Sample Inward No : 220919_1718029_01_083 05. Duration of Sampling : 8.0 HOURS 02. Location of Sampler : NEAR ETP 06. Date of Sample Received : 19.09.2022 03. Name of Sampling Team: A 07. Date of Analysis Start : 20.09.2022 04. Date of Sampling : 19.09.2022 08. Date of Analysis Completion : 20.09.2022 [C] RESULT OF SAMPLE : PARAMETERS UNIT LIMIT RESULTS TEST METHOD CODE 8.0 Hour 24 Hour PMe 100 IS 5182 (Part-23) 2009 µ9m 67.8 Gravimetric method Lab SOP-STP-A₂ based on CPCB PM_{2.5} 60 uom' A, 36.3 guideline, 2011 & Instrument Manual NO₂ ugim' 80 -IS 5182 (Part-6) (R.A.-2012) ٨ 15.9 IS 5182 (Part-2) (R.A.-2012) 90 80 As 10m 11.9 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. Fint No: LAB/FM/07 Revision No: 00 Date: 07.12.18 Nor . 4) Mr. Vasant Shah Tested By: (Technical Manager) End of Report Page 2 of 3

<u> Period – April 2022 TO September 2022</u>

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.,

| Mill SHREE DUROA SYNTEX PVTLTD PLOTNO. 28 E. Report No. 221126_1718029_01_0 Mill SHREE DUROA SYNTEX PVTLTD PLOTNO. 28 E. Report No. 221126_1718029_01_0 Mill Sample Inward No : 220919_1718029_01_084 05. Duration of Sampling : 8.0 HOURS 02. 02. Location of Sampling : ION THE ADMIN BUILDING 06. Date of Sampling : 8.0 HOURS 02. 03. Name of Sampling : ION THE ADMIN BUILDING 06. Date of Sampling : 8.0. HOURS 02.0022 03. Name of Sampling : ION THE ADMIN BUILDING 06. Date of Sampling : 10.09.2022 08. Date of Analysis Start : 20.09.2022 1C RESULT OF SAMPLE : Imit Imit Result To Fample : ISSIS (Part-23) 2009 Gravinetic method A: PM:s upmt 100 63.2 Gravinetic In Method A: PM:s upmt 30 - 15.7 IS 5182 (Part-23) 2009 A: PM:s upmt 30 - 15.7 IS functionethic method A: NOs upmt 30 - 15.7 IS 5182 (Part-2) (R.A2012) A: SO; upmt 30 - 10.4 IS 5182 (Part-2) (R.A2012) Remarks : 1. Environmental Services, (Testing Laboratory, Sur Note: Immedind standad streaded to the aboratory, First Ne: LAO/PH/0 | | E & ADDRESS OF CUSTO | | | | Issue Da | te 26/09/2022 |
|--|---|--|-------------------------------|--------------------------------------|---------------|---------------|--|
| 01. Sample Inward No : 220919_1718029_01_084 05. Duration of Sampling : 8.0 HOURS 02. Location of Sampler : ON THE ADMIN BUILDING 06. Date of Sampling : 10.09.2022 03. Name of Sampling Team: A 07. Date of Analysis Start : 20.09.2022 04. Date of Sampling : 19.09.2022 08. Date of Analysis Completion : 20.09.2022 04. Date of Sampling : 19.09.2022 08. Date of Analysis Completion : 20.09.2022 (C] RESULT OF SAMPLE : COOE PARAMETERS UNIT LIMIT RESULT3 TEST METHOD A: PM:s µg/m ⁻¹ 100 - 63.2 15 5182 (Part 23) 2009 A: PM:s µg/m ⁻¹ 100 - 63.2 15 5182 (Part 23) 2009 A: PM:s µg/m ⁻¹ 100 - 63.2 15 5182 (Part 23) 2009 A: PM:s µg/m ⁻¹ 100 - 14.5 Lab SOP-STP-Ap based on CP A: NOx µg/m ⁻¹ 60 - 15.7 15 5182 (Part 2) (R.A. 2012) A: SO ₂ µg/m ⁻¹ 80 - 10.4 15 5182 (Part 2) (R.A. 2012) Remarks : </th <th>PLOT N BLOCK VILL: JO TAL: PA SURAT-</th> <th>0. Z.& E, NO. 128, 129, 130 & 175, LVA, LSANA, 394305.</th> <th></th> <th></th> <th></th> <th>Raport N</th> <th>0. 221126_1718029_01_</th> | PLOT N BLOCK VILL: JO TAL: PA SURAT- | 0. Z.& E, NO. 128, 129, 130 & 175, LVA, LSANA, 394305. | | | | Raport N | 0. 221126_1718029_01_ |
| 03. Name of Sampling Team: A 07. Date of Analysis Start : 20.09.2022 04. Date of Sampling : 19.09.2022 08. Date of Analysis Completion : 20.09.2022 (C) RESULT OF SAMPLE : Imit Imit Results Test METHOD A: PM::: upim! 100 - 63.2 15 5182 (Part-23) 2009 A: PM::: upim! 100 - 63.2 15 5182 (Part-23) 2009 A: PM::: upim! 100 - 63.2 15 5182 (Part-23) 2009 A: PM::: upim! 60 - 34.5 Lab SOP-STP: Ap based on CP updeline, 2011 & Instrument Manual A: NOx upim! 80 - 15.7 15 5182 (Part-2) (R.A2012) Remarks : 1 En-Vision Environmental Services, (Testing Laboratory), Sur Materia En-Vision Environmental Services, (Testing Laboratory), Sur Mote: The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. Fint No: LAB/FN/07 Revision No: 00 Date: 07.12.18 | 01. 5a | mple Inward No : 220919 | _1718029_ | | | | |
| Dete of Sampling : 19.09.2022 OB. Date of Analysis Completion : 20.09.2022 [C] RESULT OF SAMPLE : CODE PARAMETERS UNIT LIMIT RESULT3 TEST METHOD A: PM:s µg/m² 100 - 63.2 15 5182 (Part-23) 2009 A: PM:s µg/m² 100 - 63.2 15 5182 (Part-23) 2009 A: PM:s µg/m² 60 - 34.5 Lab SOP-STP-A; based on CP Quideline, 2011 & Instrument Manuel A: NO; µg/m² 80 - 15.7 15 5182 (Part-2) (R.A2012) A: SO; µg/m² 80 - 10.4 15 5182 (Part-2) (R.A2012) Remarks : I. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Sur Note: The results relate only to the items tested. The test report shall not be reprodued except in full, without written approval of the laboratory. Note: The test report shall not be reprodued except in full, without written approval of the laboratory. First No: (JAB/FN/07 Revision No: 00 Date: 07.12.18 Mr. Vasent Shab | | | | UTLDENG | | 2.33 | |
| (C) RESULT OF SAMPLE : Image: CODE PARAMETERS UNIT LIMIT RESULTS TEST METHOD A: PM::e µg/m ² 100 - 63.2 15 51.82 (Part-23) 2009 A: PM::e µg/m ² 60 - 63.2 15 51.82 (Part-23) 2009 A: PM::e µg/m ² 60 - 34.5 Lab SOP-STP-A; based on CP Quideline, 2011 & Instrument Manual - 15.7 15 51.82 (Part-6) (R.A2012) A: NOx µg/m ² 80 - 10.4 15 51.82 (Part-2) (R.A2012) A: SO; µg/m ² 80 - 10.4 15 51.82 (Part-2) (R.A2012) Remarks : 1 En-Vision Environmental Services, (Testing Laboratory), Sur Note: En-Vision Environmental Services, (Testing Laboratory), Sur 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/FH/07 Revision No: 00 Date: 07.12.18 Mr. Vasent Shah Mr. Vasent Shah | C 1942 1957 | | | | | | |
| CODE PARAMETERS UNIT LIMIT RESULTS TEST METHOD A: PM:s µg/m ² 100 - 63.2 IS 5182 (Part-23) 2009 A: PM:s µg/m ² 100 - 63.2 IS 5182 (Part-23) 2009 A: PM:s µg/m ² 60 - 34.5 Lab 500-STP-A, based on CP guideline, 2011 & Instrument Manual A: NOx µg/m ² 80 - 15.7 IS 5182 (Part-6) (R.A2012) A: SO ₂ µg/m ² 80 - 10.4 IS 5182 (Part-2) (R.A2012) A: SO ₂ µg/m ² 80 - 10.4 IS 5182 (Part-2) (R.A2012) Remerks : 1. Environmental Condition : Clear 3ky. En-Vision Environmental Services, (Testing Laboratory), Sur Nobe: The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. Note: The (LAB/PH/07 Revision No: 00 Date: 07.12.18 Wr. Vasent Shah Mr. Vasent Shah Mr. Vasent Shah | 1 | | | | | | |
| A: PM::: pg/m1 100 - 63.2 IS 5182 (Part-23) 2009 Gravimetric method A: PM::: pg/m1 100 - 63.2 IS 5182 (Part-23) 2009 Gravimetric method A: PM::: pg/m1 60 - 34.5 Lab SOP-STP-A; based on CP guideline, 2011 & Instrument Manual A: NOs; pg/m1 80 - 15.7 IS 5182 (Part-6) (R.A2012) A: SO; pg/m1 80 - 10.4 IS 5182 (Part-2) (R.A2012) A: SO; pg/m1 80 - 10.4 IS 5182 (Part-2) (R.A2012) Remarks : I. Environmental Services, (Testing Laboratory), Sur Note: The results relate only to the items tested. The test report shall not be reprodued except in full, without written approval of the laboratory. First No: (JAB/FH/07 Revision No: 00 Date: 07.12.18 Wr. Vasent Shah | | | UNIT | 1.16 | т | RESULTS | TEST METHOD |
| An PM _{0.5} µg/m² 60 - 34.5 Gravinetric method guideline, 2011 & Instrument Manual An NOx µg/m² 60 - 34.5 Lab SOP-STP-A; based on CP guideline, 2011 & Instrument Manual An NOx µg/m² 80 - 15.7 15 5182 (Part-6) (R.A2012) An SO; µg/m² 80 - 10.4 15 5182 (Part-2) (R.A2012) Remarks : 1. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Sur Note: The results relate only to the items tested. The results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. First No: (JAB/FM/07 Revision No: 00 Date: 07.12.18 Wr. Vasent Shah Mr. Vasent Shah | | | | active to part Ver | 2. Advertise | | |
| An PMp3 jug/m1 60 - 34.5 Lab SOP-STP-Ap based on CP guideline, 2011 & Instrument Manual An NOx jug/m1 80 - 15.7 15 5182 (Part-6) (R.A2012) An SO1 jug/m1 80 - 10.4 15 5182 (Part-2) (R.A2012) Remerks : 1. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Sur Note: The results relate only to the items tested. The test report shall not be reprodued except in full, without written approval of the laboratory. Note: The test report shall not be reprodued except in full, without written approval of the laboratory. Fmt No: LAB/FH/07 Revision No: 00 Date: 07.12.18 | A | PtMo | hðu. | 100 | - | 63.2 | |
| An NOx µg/m² S0 - 15.7 15.5182 (Part-6) (R.A2012) An SO1 µg/m² S0 - 10.4 15.5182 (Part-2) (R.A2012) Remarks : 1. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Survice: Note: The results relate only to the items tested. The results relate not be reproduced except in full, without written approval of the laboratory. First No: LAB/FH/07 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah | A | PM _{2.5} | hð _{jul,} | 60 | | 34.6 | Lab SOP-STP-A, based on Cl guideline, 2011 & Instrument |
| Remarks : 1. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Sur 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. Fint No: LAB/FM/07 Revision No: 00 Date: 07.12.18 Mr. Vasent Shah | A | NOX | hð,u. | 80 | 1.0 | 15.7 | |
| I. Environmental Condition : Clear Sky. En-Vision Environmental Services, (Testing Laboratory), Sur 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 | | 1.0.0 | interiora? | 80 | - | 10.4 | 15 5182 (Part-2) (R.A2012) |
| | Remarko 1. Enviro Note: | nmental Condition : Clear | Sky. | . 5555 | Environme | 1047540 | |
| - End of Report | Remarks 1. Enviro Note: The resu The test Fint No: | Inmental Condition : Clear | Sky. tested. ced except | En-Vision in ful, withou 12.18 | it written ap | intal Service | s, (Testing Laboratory), Su laboratory. A.A.M.M.* |

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

<u>Gujarat</u>

ANNEXURE-VIII

HAZARDOUS WASTE GENERATION IN LAST SIX MONTHS

| Sr. | Solid Waste | | Name Of The Month | | | | | |
|-----|-------------------------------|---------------|-------------------|--------------|--------------|----------------|-------------------|--|
| No. | Generation | April 2022 | May 2022 | June 2022 | July 2022 | August 2022 | September 2022 | |
| 1. | ETP Sludge (MT) | 1500 | 1550 | 5100 | 5375 | 5350 | 5200 | |
| 2. | Used Oil (MT) | | | 2.1 | 6 | | | |
| 3. | Discarded Container (Nos.) | - | - | - | - | - | - | |

HAZARDOUS WASTE DISPOSAL IN LAST SIX MONTHS

| STATEMENT OF ETP SLUDGE DISPOOSED OFF | | | | |
|---------------------------------------|-------------|------------------|---------------|--|
| SR NO | Manifest No | Date of Disposal | Quantity (MT) | |
| 1 | 1880023 | 05/11/2022 | 14.250 | |

| STATEMENT OF USED OIL DISPOOSED OFF | | | | |
|-------------------------------------|-------------|------------------|---------------|--|
| SR NO | Manifest No | Date of Disposal | Quantity (MT) | |
| 1 | 1881377 | 05/11/2022 | 2.16 | |

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

NANDESARI ENVIRONMENT CONTROL LTD. neci 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 TO WHOM SOEVER IT MAY CONCERN THIS IS TO CERTIFY THAT M/S.SHREE DURGA SYNTAX PVT.LTD., BLOCK NO.129 & 175, PLOT NO. Z & E, TALUKA, PALSANA, ZOLVA, SURAT IS OUR VALID MEMBER OF COMMON HAZARDOUS WASTE DISPOSAL FACILITY (CHW)F) DEVELOPED BY NANDESARI ENVIRONMENT CONTROL LTD. AT SURVEY NO.519/P.GIDC.NANDESARI DIST:BARODA ANNUAL COMMITTED QUANTITY IS : 15.000 MT/ANNUM SO FAR WE HAVE NOT RECEIVED ANY WASTE FOR & ON BEHALF OF : NANDESARI ENVIRONMENT CONTROL LTD. AR BABUBHAI C.PATEL CHAIRMAN For Shree Durga Synta Pet. Ltd. aum Authorised / Director Common Solid Waste Disposal and Incineration Facility

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., <u>Gujarat</u>

> CERTIFICATE NO. : 140 Palsana Enviro **Protection Ltd.** 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 CERTIFICATE THIS IS TO CERTIFY THAT M/S. Shree Durga Syntex Private Limited Block No. 129 & 175, Plot No. Z to E, Village - Jolwa, Taluka - Palsana, District - Surat - 394 305. is a member of Palsana Enviro Protection Limited for Common Effluent Treatment Permitted Pollution Load : Inlet Norms 09.05.2022 Date of Issue : 6.5 - 8.5 PH: 08.05.2027 Valid Upto : Temperature : GPCB ID No. : 40" C 21289 1000 Mg/Ltr COD : CTE No. : 400 Mg/Ltr BOD : AWH-86533 CCA No. : 300 Mg/Ltr 88 : 03.07.2022 CCA Valid Up to : 10 Mg/Ltr 700 KL/Day Oil & Grease : **Booked Quantity :** Permitted Quantity : 180 KL/Day **10 Chamber** No. of Chambers : For, Palsana Enviro Protection Ltd. De

P-T

Chairman

1) Industry shall not internally trade its chamber / Trade effluent with other industry without prior permission of the CETP & GPCB. The Unit shall abide by the terms and conditions as specified in the agreement between member unit and PEPL.
 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 acheived.

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

| WS.SHREE DURGA SYNTEX PVT.LT | | Janua Data | 00100/0000 |
|--|-------------------------|------------------------------|--|
| PLOT NO. Z & E, | D | Issue Date Report No. | 26/09/2022 220926_1718029_06A_094 |
| BLOCK NO. 128, 129, 130 & 175, VILL: JOLVA, TAL: PALSANA, SURAT-394305. | | - report no. | 10000_000_004 |
| B] DESCRIPTION OF SAMPLING : 01. Sample Inward No : 220919_17 | | 05. Duration of | Sampling : 24.0 HRS. |
| 02. No of Location : 01 | | | nple Received : 20.09.2022 |
| 03. Name of Sampling Team: A 04. Date of Sampling : 19.09.2022 | | | lysis Start : 21.09.2022 lysis Completion : 21.09.2022 |
| 09. Name of Location : ADMIN OFFI | CE | was write of Alla | and a state of the |
| Meter with Data Logger. C) RESULT OF SAMPLE : | | | |
| Code | Unit (BA) | 5.00 | Results 62.6 |
| N2 | db(A) | 7:00 | 82.9 |
| N3 | (d)(A) | 8.00 | 63.4 |
| N4 | (D(A) | 8.00 | 61.1 |
| N5 | db(A) | 10:00 | 62.3 |
| NB | db(A) | 11.00 | 80.1 |
| - 117 | db(A) | 12:00 | 81.5 |
| NB | db(A) | 13:00 | 82.9 |
| ND | db(A) | 14:00 | 63.4 |
| N10 | db(A) | 15.00 | 84.1 |
| N11 | (db(A) | 16:00 | 61.8 |
| N12 | db(A) | 17:00 | 61.2 |
| N13 | db(A) db(A) | 18:00 | 58.5 |
| N14 N15 | db(A) | 20:00 | 58.4 |
| N16 | (A) | 21:00 | 58.2 |
| Note : Note: The results relate only to the items test | | vironmental Services, (Te | sting Laboratory), Surat |
| The test report shall not be reproduced mt No: LAB/FM/08 Revision No: 00 De | except in full, without | written approval of the labo | Run en " |
| | | | S |

<u> Period – April 2022 TO September 2022</u>

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

en-visio 201 & 301, Union Trade Center (UTC) Nr. Apple Hospital, Udhana Darwaja, Surat < 395 002 Microsoft Content of C ENVIRONMENTAL SERVICES Pollution Control Consultants & Engineers NOISE MEASUREMENT REPORT [A] NAME & ADDRESS OF CUSTOMER: M/8.SHREE DURGA SYNTEX PVT.LTD Issue Date 26/09/2022 PLOT NO. Z & E. BLOCK NO.128, 129, 138 & 175, Report No. 220926_1718029_06A_094 VILL: JOLVA, TAL: PALSANA, SURAT-394305. [B] DESCRIPTION OF SAMPLING : 01. Sample Inward No : 220919 1718029 06A 094 05. Duration of Sampling 1 24.0 HRS 02. No of Location : 01 06. Date of Sample Received : 20.09.2022 03. Name of Sampling Team: A 07. Date of Analysis Start : 21.09.2022 04. Date of Sampling : 19.09.2022 08. Date of Analysis Completion : 21.09.2022 09. Name of Location : ADMIN OFFICE 10. Test Method : STP No.: No. 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 (b(A) 22:00 56.8 N18 23:00 56.4 dt/A) 00:00 58.1 N19 (b(A) N20 1:00 55.3 db(A) N21 2.00 55.4 (b(A) N22 3:00 54.7 db(A) 55.5 N23 4:00 (db(A) N24 db(A) 5:00 58.8 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. Fint No: LAB/FM/08 Revision No: 00 Date: 07.12.18 Nor 4 Mr. Vasant Shah Tested By: (Technical Manager) End of Report Page 2 of 2

<u> Period – April 2022 TO September 2022</u>

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.,

| A] NAME & ADDRESS OF CUS NS.SHREE DURGA SYNTEX P | | Issue Date | 26/09/2022 |
|---|---|----------------|---|
| PLOT NO, Z & E, ILOCK NO, 128, 129, 130 & 175, ILL: JOLVA, TAL: PALSANA, IURAT-394305, | | Report No. | 220926_1718029_06A_0 |
| B) DESCRIPTION OF SAMPLE | | | |
| 01. Sample Inward No : 220 02. No of Location : 01 | 020_1718029_06A_095 | | of Sampling : 24.0 HRS. mple Received : 21.09.2022 |
| 03. Name of Sampling Team | A | | alysis Start : 21.09.2022 |
| 04. Date of Sampling : 20.09 | 2022 | 08. Date of An | alysis Completion : 22.09.2 |
| 09. Name of Location : BOILE 10. Test Method : STP No.: | | | |
| C) RESULT OF SAMPLE : | Unit | Time | Results |
| N1 | (b(A) | 6.00 | 75.4 |
| N2 | (B(A) | 7:00 | 74.8 |
| N3 | db(A) | 8:00 | 74.7 |
| 144 | db(A) | 8.00 | 74.6 |
| 145 | db(A) | 10:00 | 74.3 |
| Nő | (A) | 11:00 | 73.9 |
| N7 | db(A) | 12:00 | 74.4 |
| NB | db(A) | 13:00 | 74.2 |
| N9 | db(A) | 14.00 | 74.0 |
| N10 N11 | db(A) db(A) | 15:00 16:00 | 74.6 |
| N12 | (A) | 17:00 | 74.7 |
| N13 | (D)A) | 18:00 | 74.8 |
| N14 | do(A) | 19:00 | 74.1 |
| N15 | db(A) | 20:00 | 73.9 |
| N16 | db(A) | 21:00 | 74.1 |
| ote : ote: he results relate only to the iter he test report shall not be repro mt No: LAB/FM/06 Revision No: | ns tested. duced except in full, without i | | New |
| Tested By: | | | Mr. Vasant Shah (Technical Manager |
| a second s | | | |

| Plot no.: E & Z, block no | | 75, Village: Jolva, | PPBy M/s. Shree Durga S Taluka: Palsana, Dist: S |
|---|---|--|---|
| Pallution Control Consults | SERVICES Nr. 1 Nr. 1 Surg | t: 301, Union Trade Cent hpple Hospital, Udhana 4 + 395 002 REMENT REPORT | |
| [A] NAME & ADDRESS OF CU | | Issue Date | 26/09/2022 |
| M/S.SHREE DURGA SYNTEX PLOT NO. Z & E, | | Report No. | 220926 1718029 06A 095 |
| BLOCK NO. 128, 129, 130 & 17 VILL: JOLVA, TAL: PALSANA, SURAT-394305 | | (helbor the | 12020_010020_000_000 |
| [B] DESCRIPTION OF SAMP | | 05. Duration | of Sampling : 24.0 HRS. |
| 02. No of Location : 01 03. Name of Sampling Tear | | | Sample Received : 21.09.2022 Analysis Start : 21.09.2022 |
| 04. Date of Sampling : 20.0 | and the second se | | Analysis Scart : 21.09.2022 Analysis Completion : 22.09.2022 |
| 09. Name of Location : BOI | Professional and a second s | | |
| Meter with Data Logger. | No issue No.01 a Date.01. | De 2014, (Based on Histor | ction manual) Using noise level |
| Code N17 | Unit | Time 22:00 | Results 74.5 |
| N18 | dt(A) | 22:00 | 74.5 |
| N19 | (Ex(A) | 00.00 | 73.9 |
| N20 | (B(A) | 1.00 | 74.1 |
| N21 | (dx(A) | 2.00 | 74.4 |
| N22 | (EXA) | 3.00 | 73.6 |
| N23 N24 | (A) (E(A) | 4:00 | 74.8 |
| 1967 | | | |
| Note: The results relate only to the Ib The test report shall not be rep Fint No: LAB/FM/08 Revision N | erns tested. roduced except in full, witho | | (Testing Laboratory), Surat laboratory. (U, ^{EC, U, *} |
| Tested By: | End of R | eport | Mr. Vasant Shah (Technical Manager) |
| | | | Page 2 of |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018

<u> Period – April 2022 TO September 2022</u>

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.,

<u>Gujarat</u>

| | TOMER: | Issue Date | 29/09/2022 |
|--|--|----------------|---|
| N/S.SHREE DURGA SYNTEX P PLOT NO. Z & E, | VILLID | Constant Press | |
| SLOCK NO. 128, 129, 130 & 175, JILL JOLVA, TAL: PALSANA, SURAT-334305. B) DESCRIPTION OF SAMPLE | | Report No. | 220926_1718029_06A_0 |
| | | AF 8 | |
| 01. Sample Inward No : 2209 02. No of Location : 01 | 21_1/18029_06A_0%6 | | of Sampling : 24.0 HRS. sample Received : 22.09.2022 |
| 03. Name of Sampling Team: | A | | analysis Start : 22.09.2022 |
| 04. Date of Sampling : 21.09. | 2022 | 08. Date of J | analysis Completion : 23.09.3 |
| 09. Name of Location : MAIN 10. Test Method : STP No.: | | | |
| Code N1 | Unit (b(A) | E:00 | Results 67.3 |
| N2 | db(A) | 7:00 | 67 t |
| NS | db(A) | 8.00 | 68.2 |
| N4 | db(A) | 9:00 | 68.7 |
| N5 | (A) | 10:00 | 68.0 |
| NB | (B)(A) | 11:00 | 67.8 |
| N7 | db(A) | 12:00 | 68.1 |
| NS | (E)(A) | 13:00 | 68.4 |
| NU | (E)(A) | 14:00 | 66.8 |
| N10 | (E)(A) | 15:00 | 67.9 |
| NIT | db(A) | 16:00 | 89.1 |
| N12 | db(A) | 17:00 | 68.4 |
| N13 | db(A) | 18:00 | 69.2 |
| N14 | db(A) | 19:00 | 67.0 |
| N15 | db(A) | 20:00 | 64.9 |
| N18 | (A) | 21:00 | 88.8 |
| | db(A) En-Vision Er is tested. duced except in full, without | 21:00 | 86.8 (Testing Laboratory), Surat |
| | | | Mr. Vasant Shah (Technical Manager |

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018

<u> Period – April 2022 TO September 2022</u>

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

en-VISION 201 B. 301, Union Trade Center (UTC) Nr. Apple Huspital, Udhana Darwaja, Surat - 195 002 M: 97277 51088 ENVIRONMENTAL SERVICES т : 0261-2344773 : 10fo@en-vis Info@en-vision.co.in lab@en-vision.co.in Pollution Control Consultants & Engineers NOISE MEASUREMENT REPORT [A] NAME & ADDRESS OF CUSTOMER: Issue Date 26/09/2022 M/8.SHREE DURGA SYNTEX PVT.LTD PLOT NO. Z & E. 220926_1718029_06A_096 BLOCK NO.128, 129,130 & 175, Report No. VILL: JOLVA, TAL: PALSANA, SURAT-394305 ... [8] DESCRIPTION OF SAMPLING : 01. Sample Inward No : 220921_1718029_06A_096 05. Duration of Sampling : 24.0 HRS. 02. No of Location ± 01 06. Date of Sample Received : 22.09.2022 03. Name of Sampling Team: A 07. Date of Analysis Start : 22.09.2022 04. Date of Sampling : 21.09.2023 08. Date of Analysis Completion : 23.09.2022 09. Name of Location : MAIN GATE 10. Test Method : STP No.: No.: 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 (dx(A) 22.00 67.8 N18 (db(A) 23:00 68.2 N19 (dxA) 00:00 67.9 N20 (th(A) 1:00 67.4 N21 (dx(A) 2:00 85.8 85.2 N22 (b(A) 3:00 85.6 N29 (dx(A) 4.00 N24 (Ex(A) 500 64.9 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. First No: LAB/EM/OB Revision No: 00 Date: 07.12.18 Not and M. Mr. Vasant Shah (Technical Manager) Tested By: End of Report Page 2 of 2 www.en-vision.co.in

| | ts & Engineers Surat | 301, Union Trade Centr sple Hospital, Udhana 0 - 395 002 EMENT REPORT | |
|--|---|--|---|
| A] NAME & ADDRESS OF CUS M/S.SHREE DURGA SYNTEX P | | Issue Date | 26/09/2022 |
| PLOT NO. Z & E, BLOCK NO. 128, 129, 130 & 175, VILL: JOLVA, TAL: PALSANA, SURAT-394305. | | Report No. | 220926_1718029_06A_097 |
| B] DESCRIPTION OF SAMPLE | NG : | | |
| 01. Sample Inward No : 2209 | 22_1718029_06A_097 | | of Sampling : 24.0 HRS. |
| 02. No of Location : 01 03. Name of Sampling Team: | 1 | | ample Received : 23.09.2022 nalysis Start : 24.09.2022 |
| 04. Date of Sampling : 22.09. | | 1453/355-37-585 F | nalysis Scart : 24.09.2022 nalysis Completion : 24.09.2022 |
| 09. Name of Location : PLANT | C22770. | 1.000 0000 0000 | |
| 10. Test Method : STP No.: | No. Issue No.01 & Date:01.0 | 4.2014, (Based on Instruct | ton manual) Using noise level |
| Meter with Data Logger. C) RESULT OF SAMPLE : | 141 | 25 | |
| 2 | | | - |
| Code | Unit | Time | Results |
| N1 | db(A) | 6:00 | 65.8 |
| N2 | db(A) | 7:00 | 67.2 |
| NB | db(A) | 8.00 | 88.1 |
| 144 | (Ex(A) | 9:00 | 87.9 |
| N5 | db(A) | 10:00 | 68.4 |
| NS | (E)(A) | 11:00 | 67.1 |
| N7 | db(A) | 12:00 | 68.0 |
| NB | db(A) | 13:00 | 67.6 |
| ND | (E)(A) | 14.00 | 67.9 |
| 1410 | db(A) | 15:00 | 68.1 |
| NIS | db(A) | 16.00 | 68.7 |
| N12 | db(A) | 17:00 | 60.4 |
| N13 | (B(A) | 18.00 | 68.8 |
| N14 | db(A) | 19:00 | 67.1 |
| N15 | (Ex(A) | 20:00 | 87.7 |
| N16 | db(A) | 21:00 | 67.4 |
| Note : Note: The results relate only to the item The test report shall not be repro- mt No: LAB/FM/08 Revision No: | ns tested. duced except in full, without | | Mr. Vasant Shah |
| Tested By: | | | (Technical Manager) |
| | | | The factor of the best of the base is |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

<u> Period – April 2022 TO September 2022</u>

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.,

<u>Gujarat</u>

| [A] NAME & ADDRESS O M/S.SHREE DURGA SYN | | Issue Date | 26/09/2022 |
|---|--|--------------------------|--|
| PLOT NO. Z & E. BLOCK NO. 128, 129, 130 VILL: JOLVA, TAL: PALSANA, SURAT-394305. | | Report No. | 220926_1718029_064_0 |
| B] DESCRIPTION OF S | | | |
| A STOLEN AND A STOLEN A | : 220922_1718029_06A_007 | 21.12 11.22.12.53 L | of Sampling : 24.0 HRS. |
| 02. No of Location : 01 03. Name of Sampling | | | ample Received : 23.09.2022 nalysis Start : 24.09.2022 |
| 04. Date of Sampling : | | 1.001 5 501 0 001 | nalysis Completion : 24.09.3 |
| Meter with Data Logger. [C] RESULT OF SAMPLE | PNo.: N _{o.} Issue No.01 & Date:01. | | |
| Code | Unit | Time | Results |
| N17 | db(A) | 22:00 | 65.9 |
| N18 | (EXA) | 23:00 | 66.4 |
| | (Akb) | 00:00 | 66.8 |
| N19 | | | |
| N20 | db(A) | 1.00 | 67.1 |
| N20 N21 | (Bx(A) (Bx(A) | 2.00 | 67.8 |
| N20 N21 N22 | (B(A) (B(A) (B(A) | 200 | 67.8 67.4 |
| N20 N21 | (Bx(A) (Bx(A) | 2.00 | 67.8 |
| N20 N21 N22 | (£(A) (£(A) (£(A) (£(A) (£(A) | 200 300 400 500 | 67.8 67.4 67.7 68.3 |
| N20 N21 N22 N23 N24 Note : Note : The results relate only to 1 The test report shall not to | (£(A) (£(A) (£(A) (£(A) (£(A) (£(A) | 200 300 400 500 | e7.8 e7.4 e7.7 e8.3 Testing Laboratory), Surat aboratory. |
| N20 N21 N22 N23 N24 Note : Note : The results relate only to 1 The test report shall not to | tb(A) tb(A) tb(A) tb(A) tb(A) En-Vision En the items tested. e reproduced except in full, without | 200 300 400 500 | 67.8 67.4 67.7 68.3 Testing Laboratory), Surat |

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., <u>Gujarat</u>

ANNEXURE-XI

INDUSTRIAL RISK LIABILITY (INSURANCE POLICY)

| | | POLICY SCH | | | | Industrial Risk | s) INSUR/ | ANCE | |
|--|----------------|--|---|-----------------------|---|--|------------------------------|--|--|
| Insured's Nam | e · | SHREE DURG | | MBER - IRD | AN190P0 | 078100001 | | | |
| | | Insured's Detail | descent and the second s | | | | Issuing Offi | | |
| Customer ID Address | 2 | NO. Z & E, S. VILLAGE: JO SURAT. | 28/129/130 & 1 N. NO. 113/1, 1 LVA, TAL: PAL | 120 & 120/1, SANA, | Office Co Address | de | : 1ST FL | RANCH B.O-I (2301 OOR, CENTER POI KADIWALA HIGH SI ROAD, SURAT,3950 | NT |
| Phone No E-mail/Fax | : | XXXXXX6683 digupta03@gr | | | Phone No E-mail/Fa | | : 026124 : nia.230 | 164736 / 026124647 101@newindia.co.ir 163921 | 37 1 / |
| PAN No | | AABCD8894F | | | S.Tax Re | gn. No | | 63921 4165CST178 | |
| GSTIN/UIN | : | 24AABCD889 | 4P1ZV / NA | | GSTIN SAC | | | CN4165C2ZW (Other non-life insu | rance services |
| | | | | Policy | Details | | | | |
| Policy Numbe Period of Insu | | 23010136210 From: 01/02/2 31/01/2023 1 | 022 12:00:01 / | AM To: | Dev.Off. level/Brok Agent/We Aggregati | ker/Corp. | | DU rce Code CT BUSINESS - (10 | 04317076) |
| Date of Propo | sal : | 01-Feb-22 | | | | ncassurance/S | : Mr. JAC KHATR JAGDIS | GDISHKUMAR. KHI RI (NIAAG00078169) SHKUMAR. KHATRI | MCHAND (SI00204874) |
| Prev. Policy n Client Type | o. : | 23010136200 Corporate | 600000007 | | Phone No E-mail/Fa | | : 906769 | 90674 / NA ish.khatri@gmail.cor | |
| Premiu 10939 | | GST(र) 19692 | | Total(र) 129090 | RUPE | Total (₹ i ES ONE LAC 1 HOUSAND NIN | n words) WENTY-N | | No. & Date |
| Details of ri | sk covered i | under current | year policy: | | | HOUSAND NIN | ETTONLT | | 1/01/22 |
| Retroactive Date | Jurisdicti | on AOA | AOA:A | NOY A | (| Deductible Type Amount/Per centage/Am ount & | India | Deductibles Worldwide excluding USA & Canada | Worldwide including USA & Canada |
| 01/02/2010 | 3 India | 500000 | 00 1:1 | . 5000 | 00000 | Percentage) AMT | 250000 | 0 0 | 0.00 |
| Retroactive | Dates | 1 | | | 1 | | | Deductible | A DESCRIPTION OF THE PARTY OF T |
| Retroactive Date Detalis | Date | Jurisdiction | AOA | AOA:AOY | AOY | Deductit Type (Amount rcentage mount Percenta | /Pe /A S | dia Worldwide excluding USA & Canada | Worldwide including USA & Canada |
| RETROAC TIVE DATE | 01/02/201 8 | L India | 50000000 | 1:1 | 500000 | 000 AMT | 250 | 000 0 | 0 |
| Signature va Dignaliv or o by Sellivy SA VARIA GA Date 102 01.1 15.25 DIST Reg | Polic | | | | | l by 30184 at 31 Numbai - 400 00 | | 5:25:04 Hours. REE No. 1 800 209 1 | 1415. Page 1 of 3 |

| 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 As Per Policy Deductible 0 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 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\$E S 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 Special Conditions 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) 1 on this 31st day of January,2022. For and on behalf of The New India Assurance Company Limited Date of Issue: 31/01/2022 王 ey(s) · ne tt Stamp Duty under the Policy is ₹1/-. SURA SATHE NEW Mudrank number _consolidated Stamp Fees Paid by Pay Order Number_ Dt. ide receipt dt Tax Invoice No : 23010121E0038760 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 2 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 – April 2022 TO September 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) IRDA Registration Number: 190 Policy No. : 23010136210600000010 Document generated by 30184 at 31/01/2022 15:25:04 Hours. Regd. & Head Office: New India Assurance Bidg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415. Page 3 of 3

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., Guiarat

<u>Gujarat</u>

ANNEXURE- XII

CSR ACTIVITY

| Registered u/s 12A(1) vide URN No. AABTG3434DE20211 । मा ल्या from A.Y. 2022-23 to 2026-27 मुल प्रा | à |
|---|---|
| गोपाल गौ जनहित (गौ सेवा एवं जन जसोलाई तलाई, नया | (हित कार्य) भारत वी करनेत |
| 2489 (आयकर अधिनियम की धारा रसीद न ओमान/अम्बात Shree Durga Symbol अखरे रुपया Fere Laco on l | 80G के अन्तर्गत छट) ex Pv1 (11) For CSR |
| बाबत Donation हेतु नगद/र सधन्यवाद प्रा र. 5,00,000/- | क/इगाट हिं <i>मद 5 रज Axis</i> अंद्रिकार 1 किया। श्री गौ माता सब तरह की मदद को। किया। श्री गौ माता सब तरह की मदद को। |
| PAN-AABC | 198894P |
| Reg. No. E-2749/Surat Pan No: AAATM7579C 80G No 303 Foundain plans Reserved No. 4 | |
| email: mukultrustel | at 394 601 Ph: 98245 75030, 04274 04267, press |
| Receipt No.: 809 RECE | Date : 3.5/ 8/20 2.2 |
| Name of the Donor <u>Shree</u> Durga. Address <u>Block NO 128, 129, 1</u> Village Johna, Tal. Palsana Amount Rs. <u>259000/</u> in words <u>Ta</u> | 30 and 175 Plot no Z&E |
| CASH/CHEQUE/DRAFT/NEFT NEFT | |
| Purpose of payment: | |
| Mukul Tryst Activities | P. M. Kalarthi For MUKUL TRUST |

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., <u>Gujarat</u>

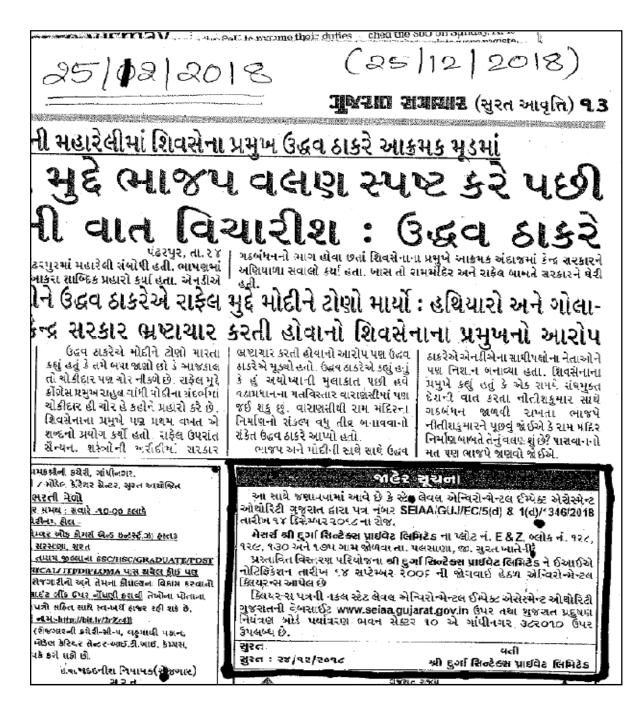
ANNEXURE XIII

PAPER ADVERTISEMENT

| IRCON INTERNATIONAL LIMITED, S71 some | Chief Ge hwar Enclove Sonic: | meral Manag war squitte W | ensurat peu Surat | Greater Noida |
|--|---|--|---|--|
| It is hereby informed that the assessment authority, Gujarat has vide Letter no. SEIAA/GUJ/EC/5(December 2018 to our proposed ex- Manufacturing Plant & CPP project- "M/s. Shree Durga Syntex Pvi No.128, 129, 130 & 175, Vill. Jolwa, T Durga Syntex Pvi. Ltd. Under the provision of EIA Notif Copies of clearance letter may be Environment Impact Assessment a and are also available at Gujarat Bhavan, Sector-10A, Gandhinagar- Surat Date:24/12/2018 | NOTICE state level en accorded Enviro d) & 1(d)/1346 spansion project t. Ltd." at Plot. fa. Palsana, Dist. ication dated 14 be seen at web uthority at http:// Polution Control -382010. | vironment nmental cli (2018, data of Manmad No.: E & Z Surat by Mi h Septemb site of Sta seiaa.guja Board, Pa | impact earance ed 14th de Fibre 7, Block. /s. Shree her 2006. te Level rat gov.in ryavaran | Amul Milk MERR' |
| ettet SIL 3 GIF 1975 Span trade Center, Opp. Kocht 2015 SFON NOT 2015 SFON NOT 2015 SFON NOT 2015 Miled, under Securitsation And Reconstru- red under Section 13(12) read with Rule 9 16 det, calling upon the following borrower/ 17 Macable rates as mentioned in the said -not 18 Miled date of payment and/or realization. DESCRIPTION OF SECURED ASSET 17 NO.994, 9" FLOOR, BUILDING NO.L, 24 MISHNODEVI SKY", OPP SHASHANK ROW 0 20 JISE, VANKALA, CHORYASI, SURAT 35 MGALOW NO. D/09, SHIVAM BUINGALDW, | CE clion of Financial A of the Security Inter | ssets and En est (Enforce is mentioned from the date DATE OF DEMAND NOTICE 09-2-2018 | forcement of ment) Rules, against their of receipt of DATE OF POSSESSION 28-12-2018 | PUBLIC NOTIC It is hereby informed Assessment Authority |
| s 21 NGALUW NO. JUYANSHIP, SACHIN, GIDC 3-21 (MILVILLA TOWNSHIP, SACHIN, GIDC Gite JSING ZONE, TALANGPUR CHORYASI, d 21 pable, incidental experises, costs, charges etc. to 1 a Jost to repay the Amounts due, Notice Is Pereby Lic Housing Finance Limited have taken Posses 6122) of the said act read will not both the Security I 325 to in general are hereby cautioned not to deal w (2) the montgage of LIC Housing Finance Limited for 4122 AMORE Shareet 1, 251 AMORE 1 | nationed till the date off given to the borrower sission of properties (S- interest (Enforcement) with the aloresaid prop- or the amount as ment Characteristic and the LLC | payment ta's mentioned sociated Associa- pitudes on the entres/Secure Housing Fly 500 | herein above in Sescribed herain datas menikened ä Assets and any bove. d Officer aatee Limited. | Gandhinagar-382 010, Setting up Expansion (Plant at Piot No. 7517, Kasa Colour Chem. vi dated 01/11/2018, unc |
| | C | X) | [[| 12010 |

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.,

Guiarat



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

| SN | Month | COAL (MT/Month) |
|----|----------------|--------------------|
| 1 | April 2022 | 11,433 |
| 2 | May 2022 | 5,482 |
| 3 | June 2022 | 5,260 |
| 4 | July 2022 | 4,870 |
| 5 | August 2022 | 6,215 |
| 6 | September 2022 | 12,232 |

FUEL CONSUMPTION

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018 Period – April 2022 TO September 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., <u>Gujarat</u>

ANNEXURE XV

NOC COPY OF PROPOSED EXPANSION

| | GU | | LUTION CON PARYAN ector-10-A, Gand | VARAN BHAVA |
|---|---|---|---|--|
| NO: G | | | PARYAY | VARAN BHAVA |
| NO: G | | Se | | |
| NO: G | | Q. | | |
| NO: G | | | Dhone · | (079) 2322242 |
| NO: G | | | Phone . | (079) 232321 |
| NO: G | | | - | |
| | 3 | | | (079) 232321 |
| | "Co | nsent to Establish-A (CTE-92897) | amendment@bsite : | |
| | | | _ | BY R.P.A.D. |
| | PCB/CCA-SRT-995(4)/1D_2 | 21289/ | l l | Date: |
| To. M/s. S | pree Durga Syntex Pvt. Ltd. | | | |
| | o:- Z & E. Block No: 128,12 | | | |
| | Jotva:- 394305, | | | |
| ∼/l'al⊱ I | Palsana, Dist:- Surat. | | | |
| | Sub Consent to Establish Section 21 of Air Act Ref: 1) Your application for | 1981 | | |
| reducir grants a d diti d industr | on) Act-1974, the Air Act- ng your responsibilities under Consent to Establish-Amen on of new products, installa iai plan/activities located at | the said Acts in an adment for enhance tion of new Steam Plot No:- Z & E, Bl | y way, this is to inform ment of existing prod Boller & Thermic flui ock No:- 128,129,130, | you that this Board uction capacity and id heater in existing & 175, Vill:- Jolva:- |
| 394303 | 5, Tal:- Palsana, Dist:- Surat, f | or the manufacturing | of the following items:- | |
| _ | Sr. Product | Quantity as per | Proposed quantity as | Total quartity |
| | No. | CCA | per CTE- | after CT3- |
| , , , | | dated:25/07/2017 | Amendment quantity | Amendment |
| | Fully Drawn Yarn | 300 Tons/Day | 200 Tons/Day | 500 Tons/Day |
| 1 | 2 Grey Cloth | 2,50,000 | 1.41 V | 2,50,000 |
| | | Meters/Day | 2002 (1) | Meters/Day |
| | | 600 Tons/Day 3.25 MW | 200 Tons/Day 21.0 MW | 800 Tons/Day 33.25 MW |
| 4 | Fower | 9.0 MW (Bagasse/gas based CPP) | {Coal/Lignite Based CPP) | 33.23 MW |
| - | 5 Partially Oriented Yam/Texturised Yam | S. | 300 Tons/Day | 300 Tons/Day |
| | | <u> </u> | 200 Tons/Day | 200 Tons/Day |
| | Chips/Nylon Yarn | Υ | | |
| | | By-Produ | | · · · · · · · · · · · · · · · · · · · |
| | l Nylon Polymer Lumps | | 1.0 tones/day | 1.0 tons/day |
| | | OWING CONFIRM | | |
| | SUBJECT TO THE FOLL | OWING CONDITIO | <u>- : : : : : : : : : : : : : : : : : : :</u> | |
| 1. | The validity of this order w | ill be up to years i.e | . 09 05-2023. | |
| 2. | Industry shall manage So | | | tivities as per Solid |
| | Waste Management Rules- | | | |
| | N. N | | 1020 - | |
| ~ | \sim | | | |
| C | 7 | | | |
| | | | | |
| | | | een Gujarat | + |
| | | ミルバタビタエ しうど | 鱼色内 工业口名广制 | |
| | Ciean | adjarat di | 04 Certified Organisat | ien. |

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.,

<u>Gujarat</u>

| э. | | Waste Management Rules-2016 you are directed to replace at least five percent (5%) of your solid fuel |
|--------------|---|--|
| | requirement by 'refused derived fuel' | |
| 4. | | WA as per order of Hon. National Green Tribunal |
| - | for the withdrawal of ground water. | |
| 5. | Unit shall comply with Solid Fuel G Board. | uidelines as well as Coal handling guidelines of the |
| 6 | Industry shall provide dedicated stora | age facility for fly ach |
| | | tification 1999 as amended from time to time. |
| C <u>ONI</u> | DITIONS UNDER WATER ACT 1974: | |
| 1. | Water Source: - Borewell. | |
| 2, | | ption for industrial purpose, after proposed expansion, |
| | shall be increased from 774 KL/Day to | |
| 3. | | for domestic purpose, after proposed expansion, shall |
| | be increased from 25 KL/Day to 30 KL | |
| 4. | | to be generated from the manufacturing process and |
| | KL/Day to 549 KL/Day (Total Booked | fter proposed expansion, shall be increased from 180 load in CETP: 420 KL (Day) |
| 5. | | ment shall be reused up to (397 KL/Day) & remaining |
| •. | | atment. In no case industrial discharge of CETP shall |
| | increase 420 KL/Day. | 5 . |
| 6. | | ith flow meter for the reuse of effluent and maintain its |
| | records. | |
| 7. | | sting of the following units, as proposed by you, |
| | shall be installed. | · • |
| | Screen chamber | |
| | Oil separation tank | 0 |
| | Non pollution discarded water | r storage tank |
| | Water transfer pump capacity | |
| 8. | | water (Sewage), after proposed expansion, shall be |
| 0 | increased from 22 KL/Day to 26 KL/D. Domestic effluent shall be disposed off | |
| | | reatment system efficiently so that effluent from the |
| | | ETP inlet norms mentioned below however the final |
| | | P shall adhere to the prescribed standards for CETP of |
| | M/s. Palsana Enviro Protecction Ltd(Pl | |
| | PARAMETERS | CETP INLET NORMS |
| | РН | 6.5 TO 8.5 |
| | Temperature | <u>40° C</u> |
| | Colour (pt.co.scale) in units | 100 units |
| | Suspended Solids | <u>300 mg/1</u> |
| | Oil and Grease | 10 mg/1 |
| | Phenolic Compounds | <u>1 mg/1</u> |
| | Sulphides | 2 mg/1 |
| | Ammonical Nitrogen | 50 mg/l |
| | Total Chromium | 2 mg/l |
| | Hexavelent Chromium | 0.1 mg/1 |
| | BOD (5 days at 20°C) COD | 400 mg/1 |
| | | |
| | | |
| | N. | |

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u>

<u> Period – April 2022 TO September 2022</u>

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.,

<u>Gujarat</u>

| | of M/s. | . Palsana Enviro Protecctio | n Ltd(PEPL) through | s shall be fully conveyed into CET h underground drainage system of |
|---|--|---|--|---|
| | | & in no case effluent shall be | | |
| 12. | | | | e trade effluent of their unit fully s |
| | | | a cilluent from their | industrial premises as per the GPCI |
| | BOTINS I | nentioned below:- | C DOD NADDAR | |
| | | PARAMETERS | GPCB NORMS | |
| | | PH | 6.5 TO 8.5 40° C | |
| | | Temperature Suspended Solids | | |
| | | Oil and Grease | <u>100 mg/l</u> 10 mg/l | |
| | | Total Dissolved Solids | 2100 mg/l | |
| | | Phenolic Compounds | 1 mg/] | |
| | | Sulphides | 2.0 mg/l | |
| | | Ammonical Nitrogen | 50 mg/l | |
| | | Total Chromium | 2 mg/1 | |
| | | Hexavelent Chromium | 0.1 mg/l | |
| | | BOD (5 days at 20° C) | 30 mg/l | |
| | | COD | 100 mg/1 | |
| | | Chlorides | 600 mg/l | |
| | | Sulphate | 1000 mg/1 | |
| 14. 15. | The app M/s, P(conveya Unit sha The app GPCB. | licant shall be responsible the set of the shall be taken the shall be taken of treated effluent through the provide flow meters at information the shall information renewallicant shall information renewallicant shall information the shall be shall | for conveyance of ent ken to avoid any lea gh drain, et & outlet of ETP & t l/termination of CET | kage or spillage of effluent durir naintain its record. P membership well in advance |
| 14. 15. 16. 17. | The app M/s, Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatment pipe lim Leachat tank th | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent through il provide flow meters at inter- dicant shall inform renewa dicant shall be required to a treated effluent for at least DPE tanks. blicant shall make fixed a nt to the CETP. The unit shall e for discharging effluent in the from the hazardous solid rough leachate collection | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & r l/termination of CET make storage facilitie 48 hours by providin trrangement for dispo ll not keep any by-pas to the under ground of waste, if any, shall ai | ire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. P membership well in advance the s od adequate capacity to store the g acid proof brick lined impervious osal of the effluent, after primar as line or system or loose or flexible |
| 14. 15. 16. 17. | The app M/s, Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatment pipe lim Leachat tank th effluent Magnet tanks/E | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent through the provide flow meters at inter- dicant shall inform renewa dicant shall be required to a treated effluent for at least DPE tanks. plicant shall make fixed a int to the CETP. The unit shall is for the hazardous solid rough leachate collection to the CETP of PEPL. is flow meters shall be in TP to measure the quart | for conveyance of enti- ken to avoid any lear gh drain, at & outlet of ETP & t l/termination of CET make storage facilitie 48 hours by providin trrangement for dispo 11 not keep any by-pas to the under ground of waste, if any, shall al facilities and shall installed at the inlet | ire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. P membership well in advance the g acid proof brick lined imperviou osal of the effluent, after primate is line or system of loose or flexible drainage system of PEPL. lso be connected into a collectio |
| 14. 15. 16. 17. 18. 1 9. 20. | The app M/s, Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatmen pipe lim Leachat tank th effluent Magnet tanks/E system of The EN circums | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent throu Il provide flow meters at inlu- dicant shall inform renewa dicant shall be required to it treated effluent for at least DPE tanks. blicant shall make fixed a int to the CETP. The unit shall e for discharging effluent in the from the hazardous solid rough leachate collection to the CETP of PEPL. it flow meters shall be if TP to measure the quar- of PEPL. TIRE quantity of industria- tances the effluent elther tre- | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & t l/termination of CET make storage facilitie 48 hours by providin management for dispo- ll not keep any by-pas to the under ground of waste, if any, shall al facilities and shall installed at the inlea- tity of effluent disch l effluent shall have ated or untreated shall | ire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. P membership well in advance the g acid proof brick lined imperviour osal of the effluent, after primar as line or system or loose or flexibil drainage system of PEPL. Iso be connected into a collection be conveyed alongwith industric the outlet of effluent collection arging in to underground drainage to be conveyed by PEPL. In m be discharged any where else. |
| 14. 15. 16. 17. 18. 19. 20. | The app M/s, Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatmen pipe lim Leachat tank th effluent Magnet tanks/E system of The EN circums Disposal | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent throu Il provide flow meters at inlu- dicant shall inform renewa dicant shall be required to it treated effluent for at least DPE tanks. blicant shall make fixed a int to the CETP. The unit shall e for discharging effluent in the from the hazardous solid rough leachate collection to the CETP of PEPL. it flow meters shall be if TP to measure the quar- of PEPL. TIRE quantity of industria- tances the effluent elther tre- | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & t l/termination of CET make storage facilitie 48 hours by providin management for dispo- ll not keep any by-pas to the under ground of waste, if any, shall al facilities and shall installed at the inlea- tity of effluent disch l effluent shall have ated or untreated shall ll be provided separate | ire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. P membership well in advance to s od adequate capacity to store the g acid proof brick lined imperviou osal of the effluent, after prima- is line or system or loose or flexib- drainage system of PEPL. Iso be connected into a collectic be conveyed alongwith industri- t & outlet of effluent collectic arging in to underground drainage to be conveyed by PEPL. In r be discharged any where else. |
| 14. 15. 16. 17. 18. 19. 20. 21. 22. | The app M/s. Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatmen pipe lim Leachat tank th effluent Magnet tanks/E system of circums Disposal shall be PEPL m facilitie. | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent throu Il provide flow meters at inte dicant shall inform renewa dicant shall be required to it treated effluent for at least DPE tanks. Solicant shall make fixed a nt to the CETP, The unit shale e for discharging effluent in the from the hazardous solid rough leachate collection to the CETP of PEPL. ic flow meters shall be it TP to measure the quar- of PEPL. TIRE quantity of industria tances the effluent either tre I system for storm water shall ember unit have to modify J s for efficiency & adequate | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & r l/termination of CET make storage facilitie 48 hours by providin rrangement for dispo- ll not keep any by-par to the under ground of waste, if any, shall ai facilities and shall installed at the inler tity of effluent disch l effluent shall have ated or untreated shall l be provided separate fluent, ' improve performan ey in order to comply | ire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. P membership well in advance to s od adequate capacity to store the g acid proof brick lined imperviou osal of the effluent, after primar- is line or system or loose or flexib drainage system of PEPL. Iso be connected into a collectic be conveyed alongwith industri t & outlet of effluent collectic arging in to underground drainag- to be conveyed by PEPL. In r be discharged any where else. ely. In no circumstances storm wath co of existing Effluent treatment with prescribed in let standards. |
| 14. 15. 16. 17. 18. 19. 20. 21. 22. | The app M/s. Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatmen pipe lim Leachat tank th effluent Magnet tanks/E system of circums Disposal shall be PEPL m facilitie. | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent throu Il provide flow meters at inte dicant shall inform renewa dicant shall be required to it treated effluent for at least DPE tanks. Solicant shall make fixed a nt to the CETP. The unit shale e for discharging effluent in the from the hazardous solid rough leachate collection to the CETP of PEPL. Ic flow meters shall be if TP to measure the quar- of PEPL. TTRE quantity of industria tances the effluent either tre I system for storm water shall mixed with the industrial ef- ember unit have to modify J s for efficiency & adequate pplicant shall keep accurate | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & r l/termination of CET make storage facilitie 48 hours by providin magement for dispo- ll not keep any by-par- to the under ground of waste, if any, shall ai facilities and shall installed at the inler tity of effluent disch l effluent shall have ated or untreated shall l be provided separate fluent, i improve performan ey in order to comply c records of quantity | ire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. P membership well in advance to s od adequate capacity to store the g acid proof brick lined impervious sal of the effluent, after primar- is line or system or loose or flexib drainage system of PEPL. Iso be connected into a collectic be conveyed alongwith industri t & outlet of effluent collectic arging in to underground drainag- to be conveyed by PEPL. In r be discharged any where else. ely. In no circumstances storm wat- ce of existing Effluent treatment with prescribed in let standards, y of production of each product |
| 14. 15. 16. 17. 18. 19. 20. 21. 22. | The app M/s. Pi conveya Unit sha The app GPCB. The app primary tanks/H The app treatmen pipe lim Leachat tank th effluent Magnet tanks/E system of circums Disposal shall be PEPL m facilitie. | licant shall be responsible if 2PL & due care shall be ta ance of treated effluent throu Il provide flow meters at inte dicant shall inform renewa dicant shall be required to it treated effluent for at least DPE tanks. Solicant shall make fixed a nt to the CETP. The unit shale e for discharging effluent in the from the hazardous solid rough leachate collection to the CETP of PEPL. Ic flow meters shall be if TP to measure the quar- of PEPL. TTRE quantity of industria tances the effluent either tre I system for storm water shall mixed with the industrial ef- ember unit have to modify J s for efficiency & adequate pplicant shall keep accurate | for conveyance of enti- ken to avoid any lear gh drain, et & outlet of ETP & r l/termination of CET make storage facilitie 48 hours by providin magement for dispo- ll not keep any by-par- to the under ground of waste, if any, shall ai facilities and shall installed at the inler tity of effluent disch l effluent shall have ated or untreated shall l be provided separate fluent, i improve performan ey in order to comply c records of quantity | ire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. P membership well in advance to s od adequate capacity to store the g acid proof brick lined imperviou osal of the effluent, after primar is line or system or loose or flexib drainage system of PEPL. Iso be connected into a collectic be conveyed alongwith industri t & outlet of effluent collectic larging in to underground drainage to be conveyed by PEPL. In m be discharged any where else. ely. In no circumstances storm wate cc of existing Effluent treatment |

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.,

<u>Gujarat</u>

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 ³ /day | | 100 m ³ /day |
| 4) | Baggase | 250 tons/day | | 250 tons/day |
| 5) | LDO | | 0 | 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 |
|--------------|---|-----------------------------|---------------------------------|--|---|
| Existin | g | | | | · |
| 1 to 3 | Natural Gas Based CPP Engines – 3 Nos. | 30 (each) | | PM SO ₂ NO _x | 150 mg/NM ³ 100ppm 50ppm |
| 4 | Natural Gas Based Steam Boiler (1 TPH) | 31 | | PM SO ₂ NO _x | 150 mg/NM ³ 100ppm 50ppm |
| 5 | Coal Based Thermic Fluid Heater (14000 U) | 50 | Electrostatic Precipitator | PM SO ₂ NO _x | 150 mg/NM ³ 100 ppm 50 ppm |
| 6 | Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by | 20 | | PM SO ₂ NO _x | 150 mg/NM ³ 100ppm 50ppm |

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| | Natural Gas & | 35 | - | PM | 150 mg/NN |
|---|---|--|---|--|--|
| ļ | LDO/FO Based | | | SO ₂ | 10 0ppm |
| | Thermic Fluid | | | NO. | 50ppm |
| | Heater | | Į. | | i i |
| F |] (10 00 0 U) × 2 | 1 | | | |
| | One Stand by | | | | |
| 8 | Captive Power | 80 | Electro Static | PM | 150 mg/NN |
| | Plant | | Precipitator | 502 | 100 ppm |
| | (9 MW) | | | NO _x | 50 ppm |
| Prop | | | | | |
| 1 | Steam Boiler | 80 | Economizer, | PM | 150 mg/NN |
| 1 | (70 TPH) for Coal | | Air Pre-heater, | SO_2 | 100ppm |
| | based Power Plant | | ESP | NO _x | 50ppm |
| 1 | (21 MW) | | | | 1 |
| 2 | Steam Boiler | | | | ļ |
| 1 | (23 TPH) for Coal | 1 | | | Ì |
| | based Power Plant | | | | |
| 1 | (21 MW) | | | ļ | ļ |
| 3 | Thermic Fluid | 50 | ESP | PM | 150 mg/NN |
| | Heater | - 14 | 1.431 | SO ₂ | t00ppm |
| 1 | (Coal based) | 1 | | NO ₂ | 50ppm |
| | (Coar based) (18 millilon | | | 1002 | 1 solding |
| 1 | · · · · · · · · · · · · · · · · · · · | 1 | | } | |
| | Kcal/hr) | - | | | |
| 4 | Steam Boiler (2 | | | ļ | 1 |
|) | TPID | ļ | | | |
| 2. Industr handlin 3. Industr | ry process. y shall take adequate in ng of Coal & fly ash. y shall comply with Coa | d handling | Control dusting du guideline of the Board | e to storage d. | , transportation |
| handlin handlin Industr Industr | y shall take adequate i ng of Coal & fly ash. | d handling ash notifica | Control dusting dua guideline of the Board ation 1999 as amended | e to storage d. from time i | , transportation a |
| Industr handlin Industr Industr Stack | y shall take adequate in ng of Coal & fly ash. y shall compty with Coa y shall compty with fly a monitoring facilities fi | d handling ash notifica ke port h | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder | d. from time i etc., shall | , transportation & to time. be provided wit |
| handlin handlin Industr Industr Stack stacks/ | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities to (vents chimney in ord | d handling ash notifica ke port h | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder | d. from time i etc., shall | , transportation & to time. be provided with |
| Industry handling Industry Industry Stack stacks/ atmosp | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi /vents chimney in ord objere. | d handling ash notifica ke port h ler to faci | Control dusting dua guideline of the Board atjon 1999 as amended ole, platform/ladder litate sampling of g | d. d. from time t etc., shall gases being | , transportation & to time. be provided with emitted into th |
| Industr, handlin Industr Industr Stack stacks/ atmosp The co | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi vents chimney in ord phere. incentration of the follo | l handling ash notifica ke port h ler to faci wing param | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g neters in the ambient | d. from time t etc., shall gases being air within t | to time, be provided with emitted into the he premises of the |
| Industr, handlin Industr, Industr, Stack stacks/ atmosp The co- industri | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi wents chimney in ord phere. incentration of the follo ry and a distance of 10 | l handling ash notifica ke port h ler to faci wing param | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g neters in the ambient | d. from time t etc., shall gases being air within t | , transportation & to time. be provided with emitted into the he premises of the |
| Industr handlin Industr Industr Stack stacks/ atmosp The co industr | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi fvents chimney in ord phere. incentration of the follo ry and a distance of 10 i the following levels. | l handling ash notifica ke port h ler to faci wing param | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g meters in the ambient on the sources (other | d. from time t etc., shall gases being air within t r than the st | , transportation & to time. be provided with emitted into the he premises of the |
| Industr handlin Industr Industr Stack stacks/ atmosp The co industr | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi vents chimney in ord phere. incentration of the follo ry and a distance of 10 the following levels. PARAMETERS | l handling ash notifica ke port h ler to faci wing param | Control dusting du guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g meters in the ambient om the sources (other PERMISSIB | d. d. from time t etc., shall gases being air within t t than the st LE LIMIT | , transportation & to time. be provided with emitted into the he premises of the |
| Industr handlin Industr Industr Stack stacks/ atmosp The co industr | y shall take adequate in ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi vents chimney in ord phere. incentration of the follo ry and a distance of 10 the following levels. PARAMETERS PM 10 | l handling ash notifica ke port h ler to faci wing param | Control dusting dua guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g meters in the ambient on the sources (other PERMISSIB 100 Microgra | d. d. time time tietc., shall gases being air within the than the st LE LIMIT | , transportation & to time. be provided with emitted into the he premises of the |
| Industr handlin Industr Industr Stack stacks/ atmosp The co industr | y shall take adequate ng of Coal & fly ash. y shall comply with Coa y shall comply with fly a monitoring facilities fi vents chimney in ord phere. ncentration of the follor ry and a distance of 10 i the following levels. PARAMETERS PM 10 PM 2.5 | l handling ash notifica ke port h ler to faci wing param | Control dusting due guideline of the Board ation 1999 as amended ole, platform/ladder litate sampling of g meters in the ambient om the sources (other PERMISSIB 100 Microgra 60 Microgra | d. from time t etc., shall gases being air within t r than the st LE LIMIT un/M3_ un/M3_ | , transportation & to time. be provided with emitted into the he premises of the |
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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

- 39. The applicant shall obtain membership of common TSDF site for disposal of Ilazardous 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).
- 19. 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 outriate por to a construction as determined by the competent authority.

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

AFAILENY

(Smt U.K. Upadhyay) Environmental Engineer

<u>COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:</u> <u>F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018</u> <u>Period – April 2022 TO September 2022</u> <u>Project Details - Expansion of Manmade Fiber manufacturing plant & CPPBy M/s. Shree Durga Syntex</u>

Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat

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ANNEXURE XVI

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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 : <u>plahujarai@yahoo.com</u> 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

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 6th 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 m2, 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 m3/d, which will be sourced from ground water source. Permission for drawl of 315m3/d of ground water was obtained on 12.10.2007. The waste water generation will be 202 m3/day. The domestic effluent (22m3/d) will be disposed of into septic tank followed by soak pit. Source of industrial wastewater (180 m3/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 m3/day) or FO/LDO (100 m3/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 92ndmeeting held on 18^{th} -20th March, 2009. The EAC (I) recommended the proposal for grant of

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., <u>Gujarat</u>

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 14th September 2006 subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS:

i. The industrial effluent generation shall not exceed 180m3/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 (22m3/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 NOx 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, SO2, NOx (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 carmarked 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.

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

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

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

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В. **GENERAL CONDITIONS:**

The project authorities shall strictly adhere to the stipulations made by the State Pollution 1 Control Board

No further expansion or modifications in the plant shall be carried out without prior approval of ii. 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. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any iii

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.

The gaseous emissions (NOx, SO2 and SPM) and Particulate matter along with RSPM levels iv. 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 SO2, NOx and SPM shall be carried.

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.

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

The overall noise levels in and around the plant area shall be kept well within the standards by vii. 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).

The project proponent shall also comply with all the environmental protection measures and viii. 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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The company will undertake all relevant measures for improving the Socio-economic ix conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration

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

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

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.

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 copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila xiv Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.

The project proponent shall also submit six monthly reports on the status of compliance of the xv 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.

The project proponent shall inform the public that the project has been accorded environmental xvi. 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

The project authorities shall inform the Regional Office as well as the Ministry, the date of xvii 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.

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

Any appeal against this environmental clearance shall lie with the National Appellate Authority, if 9.0 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:

The Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar-382 010, Gujarat.

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.

The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East 3 Arjun Nagar, New Delhi - 110 032.

The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043. Gujarat.

Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New 5 Delhi.

Guard File/Monitoring File/Record File. 6.

(Dr.P.L. Ahujarai) Director

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., <u>Gujarat</u>

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| | ER SECRET | | | No. | | THORITY |
| SEIAA | (GUJARA | AT) | स्टब्स् स्टब्स् | प्रवर्श | | UJARAT |
| | | | Government | of Gujarat | | |
| No. SEIA/ | A/GUJ/EC/5 | (d)&1(d) | / 346/2018 | | Date: 1 4 | DEC 2018 ^{By R P A D} |
| manı In Ca | ufacturing plac ategory 5(d)&1 | nt and CP (d) of Sch | P at Plot No. E & Z, Block edule annexed with ElA N | No 128, 129, 130 8 | etting up expa \$ 175, Vill, Jolwa | nsion of Manmade Fibre a, Ta.: Palsana, Dist: Surat. |
| Ref: Your | Proposal No. | SIA/GJ/IN | D2/18454/2017. | | | |
| Clearance u dated 19/09/ The Manmade F Dist: Surat. | nder Environm /2018 to the SE proposal is fi ibre manufact | ent Impact EAC. for Environ turing place | Assessment Notification, 2 mental Clearance to M/s. ht and CPP at Plot No. E | 006 and additional Shree Durga Syn & Z, Block No 128 | information / doc itex Pvt Ltd. for 1, 129, 130 & 175 | (IAA, seeking Environmental uments submitted vide letter r setting up expansion of 5, Vill. Jolwa, Ta.: Palsana, 5(d)&1(d) of the schedule of |
| | ame of the | CAS | | Quantity | | End-use of the |
| no. | Products | no./ Cino. | Existing | Proposed | Total | products |
| 1 Po | lyester Chips | - | 600 Tons/day | 200 Tons/day | 800 Tons/day | POY/FDY/ Making Fabric |
| 2 Fu Ya | lly Drawn rn (FDY) | - | 300 Tons/day | 200 Tons/day | 500 Tons/day | Making Fabric |
| Ori (P0 Te: | rtially iented Yarn OY)/ xturised Yarn | _ | | 300 Tons/day | 300 Tons/day | Making Fabric |
| Nyi | lon- 6 Chips/ Ion Yarn | - | | 200 Tons/day | 200 Tons/day | Making Fabric |
| 5 Po | wer | - | 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 |
| By-Product | t Ion Polymer | - | | 1.0 Tons/day | 1.0 Tons/day | |

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. 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. 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). Process Waste (Oligomer) (10 MT/Month) shall be sold out to the authorized actual users only. 5

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.
- Total Industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 8. 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,
- 14. The domestic wasterate generation on an international power consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time.
- The unit shall provide metering facility at the Inlet & outlet of the ETP, RO, MEE system & reuse system and maintain records for the same. 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:

| 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 SO2 NOX | Adequate Stack height |
| 2 | Thermic Fluid Heater (Natural Cas Based) (2.0 Lakhs Kcal/Br.) | 20 m (Common) | Natural Gas | 22440 sq.cm/day | SPM SO2 NOX | Adequate Stack height |
| 3 | Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by) | | | | SPM SO ₂ NOx | Adequate Stack height |
| 4 | Thermic Fluid Heater (Natural Gas Based/LDO) (10 Million Kcal/Hr.) | 35.0 m (Common) | | | SPM SO2 NOX | Adequate Stack height |

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, Website:- www.seiaa.gujarat.gov.in

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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.,

<u>Gujarat</u>

| Agrowste/baggase) & Coal (15% as auxiliary use) as a distribution 35 MT/Day NOx heater, Electrostatic Precipitator Yueh, based Power Plant 35 MT/Day NOx heater, Electrostatic Precipitator Proposed St. Surce of emission Stack Type of Fuel Guantity of Fuel Type of Gruin Stack Air Pollution 1 Steam Boller (70 TPH) 80.0 m Imported 450 SPM Economizer, Air 1 Steam Boller (21 TPH) 80.0 m Coal/Lignite tons/day SPM Electrostatic Plant (21 MW) # Coal/Lignite tons/day SPM Electrostatic Pre-in-bater, Ilectrostatic 1 Steam Boller (23 TPH) for Coal based Power Flant (21 MW) # Coal/Lignite tons/day SPM Electrostatic 1 Steam Boller (21 TPH) for Coal based forwer SO, Precipitator (ESP) NOx Electrostatic 1 Steam Boller (21 TPH) NO NOx Electrostatic SO, NOx 20 Unit aball provide adequate APCM with flue gas generation sources as mentioned above: 1 There shall be no process gas emission from existing as well as from the proposed project. 2 | | 5 Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Stand by) 6 Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.) 7 Steam boiler (1 TPH) 8 * Natural Gas Based CPP Engines(3.25 MW) 9 Steam Boller (40 TPH) for Biomass | | | | LDO Coal Natural Bagassi 15% Co | e& | 5150 sq.cr 250 t & | T/Day 0 n/day on/day | SPM SO ₂ NOx SPM SO ₂ NOx SPM SO ₂ NOx | | Adequate Stack height Electrostatic Precipitator Adequate Stack height Adequate Stack height Economizer, Air Pre- |
|---|--|--|--|--|---|---|--|--|---|---|--|--|
| Sr. Source of emission Stack (meter) Type of Fuel Quantity of Fuel Type of of Fuel Air Pollution Control Measures (APCM) 1 Steam Boiler (70 TPH) for Coal based Power Plent (21 MW) # 80.0 m Imported Coal/Lignite 450 Coal/Lignite SFM Economizer, Air Pre-heater, NOx Economizer, Air Pre-heater, NOx 2 Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) # 50.0 m SPM Electrostatic Precipitator 3 Thermic Fluid Heater (Coal based) 50.0 m SPM Electrostatic Precipitator 4 Steam boiler (2 TPH) 50.0 m SPM Electrostatic Precipitator (ESP) 4 Steam boiler (2 TPH) 50.0 m SPM Electrostatic Precipitator (ESP) 20. Unit shall provide adequate APCM with flue gas generation sources as mentioned abovc: 11 21. There shall be no process gas emission from existing as well as from the proposed project. 22 23. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through reputed Institute and results thereof analyzed regularly and reported along with monitoring reports. Thereat mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Includ bottom ash) shall be put in place. 24. | | | Coal (15% as auxiliary fuel) based Power Plant (9 MW) # | | | | | | | | | Electrostatic |
| no. With Capacity Height (meter) Fuel (meter) of Fuel MT/Day emissions i.e. (APCM) Control Measures (APCM) 1 Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) # B0.0 m Imported Coal/Lignite 5SPM for 0 r SPM Nox Sconomizer, Air Pre-heater, Electrostatic 2 Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) # 50.0 m SPM Too SPM tons/day Electrostatic 3 Thermic Fluid Heater (18 Million Kcal/Hr.) 50.0 m SPM tons/day Electrostatic 4 Steam boiler (2 TPH) Steam boiler (2 TPH) Nox Electrostatic 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. 21. There shall be no process gas emission from existing as well as from the proposed project. 22. Suffur and ash content of the fuel to be used shall be analyzed and its record shall be carried out through reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Theread mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Includ 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. Merc emi | - | | | | r _ | | | | _ | | | |
| Image: for Coal based Power Coal/Lignite Image: for Coal based Power Pre-heater, Electrostatic 2 Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) # Precipitator Precipitator 3 Thermic Fluid Heater (Coal based) (18 Mullion Kcal/Hr.) 50.0 m SPM Electrostatic 4 Steam boiler (2 TPH) NOx Precipitator (ESP) 4 Steam boiler (2 TPH) NOx Precipitator (ESP) 20. Unit shall provide adequate APCM with flue gas generation sources as mentioned abovc: Precipitator (ESP) 1 There shall be no process gas emission from existing as well as from the proposed project. Suffur and ash content of the fuel to be used shall be analyzed and its record shall be maintained. 21. There shall be no process gas emission from existing as well as from the proposed project. Suffur and ash content of the fuel to be used shall be analyzed and its record shall be carried out through reputed Institute and results thereof analyzed regularly and reported along with monitoring reports. Thereat mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Includ 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. Merci mission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emissis doce not excced the G | | no. | no. With Capacity | | | | of Fuel | | emissi Air Pol | ons i.e. | Control Measures | |
| (18 Million Kcal/Hr.) NOx 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 reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Theread mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Includ 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. Merci emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. 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 f gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emiss does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way t if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 arrended from time, utilization of boiler capacity shall reduces that flue gas emission from the stack meets w the specified standards or boiler shall shu down totally. 26. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year throug reputed institute / or | sessine) | 1 | for Coal based Power Plant (21 MW) # Steam Boiler (23 TPH) for Coal based Power | Contraction and the second | | | | tons/day or 700 | | SO ₂ | | rostatic |
| Unit shall provide adequate APCM with flue gas generation sources as mentioned abovc: There shall be no process gas emission from existing as well as from the proposed project. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through reputed Institute and results thereof analyzed regularly and reported along with monitoring reports. Theread mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (includ bottom ash) shall be put in place. A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam Boller. Merci emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. above regarding height of the Boiler stack. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of f gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emiss does not exceed the GPCB norms. The control system totall be designed and integrated in plant DCS in such a way t if emission from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets w the specified standards or boiler shall shut down totally. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through reputed institute / organization. Lime stone injection technology shall be adopted to control SO2 and it shall be ensured that SO2 levels in the ambia air do not exceed the prescribed standards. | A Sumo | | Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.) | 50.0 m | | | | | SO ₂ | | N.5.2 (2011) 124 (2011) 10100 (2012) 2019 (2011) | |
| There shall be no process gas emission from existing as well as from the proposed project. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Theread mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (includi bottom ash) shall be put in place. A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam Boller. Merce emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. above regarding height of the Boiler stack. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of f gas emission from the proposed Bollers. The ESP shall be operated efficiently to ensure that particulate matter emiss does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way fi if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets w the specified standards or boiler shall shut down totally. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through reputed institute / organization. Lime stone injection technology shall be adopted to control SO2 and it shall be ensured that SO2 levels in the ambia air do not exceed the prescribed standards. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts | | 4 | Steam boiler (2 TPH) | | | | | | | | | |
| High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of f gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emiss does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way f if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets w the specified standards or boiler shall shut down totally. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year throug reputed institute / organization. Lime stone injection technology shall be adopted to control SO2 and it shall be ensured that SO2 levels in the ambia air do not exceed the prescribed standards. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts | 21. 22. 23. 24. 25. 26. | There Sulfur A long repute mecha bottom A flue emiss | shall be no process gas en and ash content of the fuel g term study of radio activit ad institute and results th anism for an in-built continu n ash) shall be put in place. gas stack of 80 m height ions from stacks shall also l | nission from to be used by and heav hereof anal uous monito shall be pr be monitore | existi shall I y met yzed ring fo rovide | ing as we be analyz lais conte regularly or radio a ed with or | ell as fi red an ents or r and activity nline r | rom th id its re n coal/ repor r and t monito | e propos acord sha flignite to ted alor leavy me ring syst | ed projec all be main be usec ing with stals in co term to pr | st. Intained I shall I monitor pal/ligni | be carried out the ring reports. The ite and fly ash (in d Steam Boiler. N |
| air do not exceed the prescribed standards. 28. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts | | High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter endoces not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a will femission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 19 amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meet the specified standards or boiler shall shut down totally. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year three. | | | | | | | | | | |
| | | | | | | ** ***** | 1 603 | and it | aboli ba | oncurad | that S | 02 lovels in the s |

- 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

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, Website:- www.seiaa.gujarat.gov.in Page 3 of 7

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018

<u> Period – April 2022 TO September 2022</u>

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.,

<u>Gujarat</u>

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. Type of no. Hazardous | | | | Quantity (M | T/Annum) | Disposal Method | |
|------------------------------|--|------------------------------|--------|-----------------------------|--------------------|--------------------|---|
| | waste | - | Rutes. | Existing | Proposed | Total | 18 |
| 1 | Used Oil | Maintenance | 5.1 | 1.0 Kl/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 <i>I</i> 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.

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 : mssejaagj@gmail.com, Website:- www.sejaa.gujarat.gov.in Page 4 of 7

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 automization 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
 - Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of 62. 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 3 for storage tanks for Hazardous Chemicals.

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:

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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 confirm 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 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 ighting 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.

A With regards, yours singerely,

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(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

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