Growth Is Our Way

Shree Durga

Syntex Pvt.Ltd.

Date: 23/05/2022

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

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

#### REF: 1. <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 **OCTOBER 2021 TO MARCH 2022** of Environmental Clearance issued to us.

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

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

Thanking You,

Yours faithfully,

For,

M/s. Shree Durga Syntex Pvt. Ltd

Authorized signatory

#### Enclosure: a/a

Copy to:

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

Regd. Office & Factory Address Block No. 128, 129, 130 & 175, Plot No. Z & E, Palsana, Village- Jolwa, 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: 13/04/200 10 MARCH 2022 n Yarn, Polyester Chip plock no. 128, 129, 13	<u>)9</u> ps & Captive powe		
Sr.No	CONDITIONS		COMPLIANCE	STATUS		
1	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,	We have obtained Amendment in Environment Clearance vide order no.: SEIAA/GUJ/EC/5(d) & 1(d) / 1346 / 2018dated: 14/12/2018and 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.Copythereof are attached as Annexure – I(A)and Annexure – I(B)respectively for your reference. Area statement of the project shown in below table:				
	Village: Jolva, Taluka: Palsana,	PROJECT AREA	EXISTING	PROPOSED	TOTAL	
	Dist: Surat, Gujarat. The		AREA (m2)	AREA (m2)	AREA	
	production capacity of Fully Drawn yarn will increase from	Plant & M/c area	2790.00	6750.00	(m2)	
	40 MTPD to 300 MTPD and		9913.00	0730.00	9540.00 9913.00	
	captive power plant will	Utility area				
	captive power plant will	Storage area	3853.00		3853.00	

increase from 3.25 MW to 12.25

manufacture 600 MTPD of

polyester chips by continuous

polymerization. It is proposed to

increase production capacity along with backward integration

of polyester chips/ liquid

No

Protection

producing FDY.

Environmental

Measures.

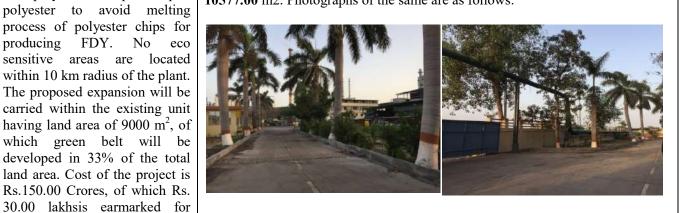
It is proposed

to

MW.

Office area 231.67 ---231.67 Road area 4422.00 327.00 4749.00 Green belt area 5462.00 3500.00 8962.00 Open Area 37058.33 ---26481.33 63730.00 10577.00 63730.00 Total

We ensure that 33.0% green belt area has been provided in proposed land of 10577.00 m2. Photographs of the same are as follows:





#### 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 1084 KLD. And Total waste water generation after proposed expansion is 549.0 KLD

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

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

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

Month	Qty (KL/Month)	Qty (KL/Day)
October 2021	12923	417
November 2021	12146	405
December 2021	11557	372
January 2022	7493	242
February 2022	10131	361
March 2022	14869	479
	October 2021 November 2021 December 2021 January 2022 February 2022	October 2021         12923           November 2021         12146           December 2021         11557           January 2022         7493           February 2022         10131

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  $m^3/day$ . 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 PEPL CETP. Power 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.

		discharge lin through sept	ie to CET	e, online flow meter is FP. The Avg. domestic v & soak pit. The generat uent is discharged to PEF	waste water generation ted industrial effluent	n is discharge is treated ir
		Fuel consum	ption det	ails are as below;		
			SN	Month	COAL (MT/Month)	
			1	October 2021	9,405	
			2	November 2021	9,655	
			3	December 2021	3,589	
			4	January 2022	2,700	
			5	February 2022	6,603	
			6	March 2022	17,900	
	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.					
4	The proposal was considered by the Expert Appraisal Committee (Industry) in its92 <sup>nd</sup> meeting held on 18 <sup>th</sup> - 20 <sup>th</sup> March, 2009. The EAC (I) recommended the proposal for grant of environmental clearance under para 7(ii) of EIA Notification, 2006 exempting the project from preparation of EIA report and public hearing.	Noted.				
5	Based on the information submitted by the project	Noted.				

<u>Project Details - Expansion of c</u> By M/s. Shree Durga Syntex P	vt Ltd at Pl		. 128, 129, 130 & 17		
authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14 <sup>th</sup> September 2006 subject to the compliance of the following Specific and General Conditions: <b>SPECIFIC CONDITIONS:</b>					
The industrial effluent generation shall not exceed 180m <sup>3</sup> /d. The effluent after treatment in the ETP and		l. vg. industrial waste y. Monthly waste wat			
conforming to the prescribed standards shall be discharged	SN	Month	Qty (KL/Month)	Qty (KL/Day)	
into the pipeline of PEPL	1	October 2021	12923	417	
leading to $\overline{CETP}$ . The domestic	2	November 2021	12146	405	
effluent (22m <sup>3</sup> /d) shall be disposed through septic	3	December 2021	11557	372	
disposed through septic tank/soak pit.	4	January 2022	7493	242	
tank soak pit.	5	February 2022	10131	361	
	6	March 2022	14869	479	
 There shall not be any process emissions due to the proposed activity. For dispersion of gaseous emissions from the steam boiler and DG sets,	effluent di The gener discharged CETP inle The testin NABL ac valid till-2 The dome <b>Complied</b> We ensur activity. F	or the same, online f scharge line to CETP rated industrial waste d to PEPL-CETP the thorms. Analysis rep g laboratory appointed creditation certificate (2/02/2021. stic waste water generation is that there will not for dispersion of gased APCM, Stack are pro Stack Attached T	The logbook for the water is treated in 1 rough pipeline. The port of the same is atta d is M/s. En-vision En- vide no. TC-5304, is rated is discharged the be any process emis- ous emission from the pvided;	same is maintain ETP. The treated waste water tre the as <b>ANNEX</b> nvironmental Serv ssue dated: 23/02 rough septic tank/ ssion due to our e Steam Boiler, D	ed at l efflua ated 1 <b>URE</b> - vices, 2/2019 <u>soak</u> j produ
adequate height as per CPCB	No.	Stuck Intucheu I			
standards shall be provided. Acoustic enclosures / treatment shall be given to the DG sets to	1.	Natural gas based Engines- 3 No Stand by	S.		
mitigate noise pollution. Measures for control of NOx	2.	Natural gas based 3 Boiler (1 TPH)	Steam 11		

3.	Coal Based Thermic Fluid	50	
	Heater(14,000 U)		
4.	1 TPH Boiler with TFH	11	
	(14000 U)		
5.	Natural Gas Based	20	
	Thermic Fluid Heater(200		
	U x 2 nos.)		
	One Stand by		
6.	Natural Gas Based	35	
	LDO/FO based Thermic		
	Fluid Heater (10000 U) ×		
	2 one Stand By		
7.	Captive Power Plant (9	80	ESP
	MW)		
8.	Steam Boiler (70 TPH) for	80	Economizer,
	coal based Power Plant (21		Air Preheater
	MW)		
9.	Steam Boiler (23 TPH ) for		
	coal based Power Plant		
	(21 MW)		
10.	Thermic Fluid Heater	50	ESP
	(Coal 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	Complied.
	status of compliance of the	We have uploaded the status of compliance of Environmental Clearance

	stipulated environmental	including results of monitored data on our website. It also simultaneously
	clearance conditions, including	submitted to Regional office of MoEF i.e. RO Bhopal.
	results of monitored data on	
	their website and shall update	(+ + C) (0 formula interaction/optimized     (- + + C) (0 formula interaction/optimized
	the same periodically. It shall	CERTIFICATES
	simultaneously be sent to the	
	Regional office of MOEF, the	MAKumani MAKumani Disetower displanter Disetower
	respective Zonal office of CPCB	
	and the State Pollution Control	
	Board. The criteria pollutant	Ence Ver Bener (***
	levels namely; SPM, RSPM,	······································
	SO <sub>2</sub> , NOx (ambient levels as	Starting-Starting URD/R12 Conception France (Table 1) Address (Text So (1978)) Antigeneous agreement france Starting-Starting Starting (So (1978)) Starting-Starting Starting (So (1978)) Starting (So (1978))
	well as stack emissions) or	Comparison revenues ABD     manufacture contractivity of the second
	critical sectoral parameters,	No service in the service of the ser
	indicated for the project shall be	
	monitored and displayed at a	
	convenient location near the	
	main gate of the company in the	The pollutant levels namely; SPM, RSPM, SO2, NOx (ambient levels as well as
	public domain.	stack emission) or critical sectoral parameters, are monitored periodically and
	1	displayed at display board near main gate in public domain.
4.	The project authorities shall	Noted.
	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.	
	The company shall undertake	
	following Waste Minimization	
	measures	
	i. • Metering and control of	Complied.
	quantities of active	A. Metering is being done to monitor and control of active raw materials to
	ingredients to minimize	minimize the waste. i.e. Flow meters are provided at MEG handling system
	waste.	
	• Reuse of byproducts	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
	from the process as raw materials or as raw	Silo and transferred to Schenck system to paste tank for plant.
		Sho and transferred to Senenck system to paste tank for plant.
	material substitutes in	C Davis of hyperbolic (used oil (drame is being south south solid 1)
	other processes.	C. Reuse of byproducts / used oil / drums is being sent to authorized recyclers
	• Use of automated filling	
	to minimize spillage.	
	• Use of "Close Feed"	
	system into batch	
		1

		capacities for Fully Drawn Yarn, Polyest Pvt Ltd at Plot no: E & Z, block no. 128, Taluka: Palsana, Dist: Surat., Gujarat		
	<ul> <li>reactors.</li> <li>Venting equipment through vapor recovery system.</li> <li>Use of high pressure hoses for equipment clearing to reduce wastewater generation.</li> </ul>			
ii.				, ,
iii.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.	_ <b>_</b>		
iv.	provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall	We have spent and made provision for recurring to implement the conditions State Government along with the in stipulated in the EC Order.	stipulated by the	MoEF&CC as well
	not be diverted for any other purposes.	EMP Activity	Capex	Recurring
		<ol> <li>ETP Sludge Disposal</li> <li>CETP Charges</li> <li>Env Audit</li> <li>Env Monitoring Charges</li> <li>ETP Raw Material</li> <li>APCM Upgradation</li> </ol>	Spent 52 Lacs	Spent 28 Lacs
V.	Occupational health	Complied.		· · · · · · · · · · · · · · · · · · ·
v.	surveillance of the workers shall be done on a regular	Health check-up of all workers is maintained as per Factories Act.	being done per	iodically and recor

basis       and       records       Also we are having policy for Public Liability (Industrial Risks) Insurance         vi.       The company shall make       Please refer ANNEXURE-XI         vi.       The company shall make       Complied.         manufacturing process in material handling.       The company maintains firefighting preparedness procedures and have a fire fighting cupipments like following;       1. Fire Hydrant         2.       Fire Extinguishers       3. Sprinkler system in coal yard       4. OHC in plant premises         vii.       Training shall be imparted       Oomplied.       Training imparted to all level employees &Complied. Routine periodical medical examinations for all employees on handling of chemicals shall be imparted.       Complied.       Training imparted to all level employees are carried out on regular basis.         viii.       Usage of PPEs by all employees of Bandling of ehemicals shall be imparted.       Suitable PPEs have to be provided and application enforced. All the procured are of BIS approved products. Work place enforcement of wo done regularly.         viii.       Usage of PPEs by all employees or landling of ehemicals shall be imparted.       Sintable PPEs have to be provided and application enforced. All the paparatus-10kg 10 all apparatus-10kg 10 all application prof Nos. 10 all application prof Nos. 10 allis and ballis applicablis plash proof Nos. 10 all applicating for		Project Details - Expansion of	capacities for F Pvt Ltd at Plot	<u>BER 2021 TO MARCH 2022</u> Sully Drawn Yarn, Polyester Chips No: E & Z, block no. 128, 129, 130 Na, Dist: Surat., Gujarat		
the arrangement for protection of possible fire fighting equipments like following:       The company maintains firefighting preparedness procedures and have a fire fighting equipments like following:         material handling.       1. Fire Hydrant         viii.       Training shall be imparted to all employees on safety and health aspects of chemicals handling.       Complied.         viii.       Training to all employees shall be imparted.       Complied.         viii.       Usage of PPEs by all employees shall be imparted.       Complied.         viii.       Usage of PPEs by all ensured.       Suitable PPEs have to be provided and application enforced. All the procured are of BIS approved products. Work place enforcement of work done regularly.         viii.       Self-Contained Breathing Nos.       10         2       Full Face masks       Nos.       25         3       Trolley mounted oxygen Nos.       5       25         4       Full body chemical splash proof Nos.       50       25         3       Trolley mounted oxygen Nos.       50       25         3       Trolley mounted protection Nos.       10       25         1       Full body chemical protection Nos.       50       25         2       Full body chemical protection Nos.       10       25         3       Trolley mounted oxygen Nos.       50		maintained as per the			Industrial I	Risks) Insurance
vii.       Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre- employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.       Complied.         viii.       Usage of PPEs by all employees/workers shall be ensured.       Complied.         viii.       Usage of PPEs by all employees/workers shall be ensured.       Complied.         viii.       Usage of PPEs by all employees/workers shall be ensured.       Complied.         Viii.       Usage of PPEs by all employees/workers shall be ensured.       Complied.         Viii.       Usage of PPEs by all employees/workers shall be ensured.       Complied.         Suitable PPEs have to be provided and application enforced. All th procured are of BIS approved products. Work place enforcement of we done regularly.         Sr.No.       PPEs       UOM       QTY.         1       Self-Contained Breathing Apparatus-10kg       Nos.       10         2       Full Face masks       Nos.       10         4       Full body chemical protection suits       50       50         5       Chemical splash proof goggles       Nos.       10         6       Aluminized firefighting suits       Nos.       10         7       25mm hose clips with screw       Nos.       10	vi.	the arrangement for protection of possible fire hazards during manufacturing process in	The company fire fighting e 1. Fire 1 2. Fire 1 3. Sprir 4. OHC	equipments like following; Hydrant Extinguishers kler system in coal yard in plant premises	ess procedi	ures and have ac
Sr.No.PPEsUOMQTY.1Self-ContainedBreathingNos.10Apparatus- 10kg2Full Face masksNos.253Trolley mounted oxygenNos.5cylinders2Full body chemical protectionNos.104Full body chemical protectionNos.105Chemical splash proofNos.50goggles6Aluminized firefighting suitsNos.10725mm hose clips with screwNos.10		to all employees on safety and health aspects of chemicals handling. Pre- employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted. Usage of PPEs by all employees/ workers shall	Training imp examinations Complied. Suitable PPF procured are	for all employees are carried out o Es have to be provided and app of BIS approved products. Work	on regular l	pasis.
1Self-Contained Apparatus- 10kgBreathing Nos.Nos.102Full Face masksNos.253Trolley mounted oxygen cylindersNos.54Full body chemical protection suitsNos.105Chemical splash gogglesNos.506Aluminized firefighting suits clipsNos.10				-		
Apparatus- 10kgNos.252Full Face masksNos.253Trolley mounted oxygen cylindersNos.54Full body chemical protection suitsNos.105Chemical splash gogglesNos.506Aluminized firefighting suits clipsNos.10						
3Trolley mounted oxygen cylindersNos.54Full body chemical protection suitsNos.105Chemical splash gogglesProof Nos.Nos.506Aluminized firefighting suits clipsNos.10				Apparatus- 10kg		
cylinders4Full body chemical protection suitsNos.105Chemical splash proof gogglesNos.506Aluminized firefighting suits clipsNos.10						
4Full body chemical protection suitsNos.105Chemical splash proof gogglesNos.506Aluminized firefighting suits clipsNos.10725mm hose clips with screw clipsNos.10			3		INOS.	5
goggles     6     Aluminized firefighting suits     Nos.     10       7     25mm hose clips with screw clips     Nos.     10				Full body chemical protection suits		
7 25mm hose clips with screw Nos. 10 clips				goggles		
clips						
8 Gum boots full length Nos 25				clips		
			8	Gum boots full length	Nos.	25
9 Leather hand gloves Pair 50						
10Electrical hand glovesPair511Non permeable hand glovesNos.25		1	10	Electrical hand gloves	Pair	3

		<u>roject Details - Expansion of c</u> By M/s. Shree Durga Syntex P	capacities for I				
	-	by my si onice burge bynce. I		ana, Dist: Surat., Gujarat	<u>, 190 a 175, 11</u>	<u>nager sorra</u>	
	T		12	Safety helmets	Nos.	50	
			13	Safety shoes sizes	Pair	60	
			13	Pick axles	Nos.	2	
			15	Shovels	Nos.	5	
			16	Rain coats full size	Nos.	10	
			17 Complied.	Stretchers	Nos.	2	
		water shall be undertaken from the CGWB / State Ground Water Authority) as may be applicable to this case.	1381 KL/da	o withdraw ground water is y. We have also applied thdrawal from borewell. Plea	for obtaining	CGWA perm	
	X.	The company shall undertake rainwater harvesting measures to recharge the ground water as well as reduced consumption of water.	To conserve recharging is	ground water as well as red carried out to recharge gro plating recharge pits are prov	und water befo	re its get eva	porated
<u>B</u>		NERAL CONDITIONS:	W/	1		1	-4:1-4:
1.	stric mad	project authorities shall otly adhere to the stipulations le by the State Pollution atrol Board.	We are strictly agree, complying & will continue to comply with all stipulat made by GPCB as per CC&A No.86533 Dated:16/06/2017, Valid Till-3/7/202				
2.	No	further expansion or	We ensure th	hat no further expansion or	modification rel	ated to EC in	n the pla
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			ed out only after prior approv	val of Ministry.		-	

	<u>Period – OCTOBER 2021 TO MARCH 2022</u> <u>Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips &amp; Captive power plant</u> <u>By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E &amp; Z, block no. 128, 129, 130 &amp; 175, Village: Jolva,</u> <u>Taluka: Palsana, Dist: Surat., Gujarat</u>					
3.	any.	Noted & Compliant				
5.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>Noted&amp;Complied.</b> We assure that, at no time the emission level will go beyond the stipulated standards and or prescribed limits. In such cases / occurrence we will intimate to board & authority time to time. In event of failure of APCM, the unit shall no restart until the control measures are rectified to achieve the efficiency.				
4.	The gaseous emissions (NO <sub>x</sub> , SO <sub>2</sub> and SPM) and Particulate matter along with RSPM levelsfrom 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.	Complied. The gaseous emissions (NOx, SO2 & SPM) and Particulate matter along with RSPM levels & stack monitoring for SO2, NOx & SPM from various units ar 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.				
5.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.	<b>Noted &amp; Complied.</b> The location of AAQ are discussed & reviewed during the visits of GPCB and with the Environmental Auditors appointed by GPCB time to time & set up in the direction where max. GLC are anticipated. We will ensure that at least on station is in upwind & one in downwind.				
6.	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.	<b>Not Applicable.</b> There is no process gas vents / stacks in the units.				

	COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat					
7.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul> <li>Complied.</li> <li>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.</li> <li>The ambient noise levels is under the standards prescribed under EPA, 1986 Rules, 1989 viz. 75 dBA (Day Time) and 70 dBA (Night Time).</li> <li>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;</li> <li>1) The emission reports describing the above parameters conforming that at no time emission level gone beyond the stipulated standards. The testing lab appointed is M/s. En-Vision Environmental Services, Surat as NABL Approved vide TC-5304, issue date-23/02/2019 and valid till-22/2/2021. (NABL Visit procedure is ongoing). Noise Monitoring Reports are Attached as ANNEXURE-X.</li> </ul>				
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	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.				
10.	The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<b>Complied and ongoing.</b> CSR activity given in <b>ANNEXURE- XII</b> 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	<b>Complied.</b> A separate Environment Management Cell is equipped along with internal lab. For All Environmental Monitoring we have appointed M/s. En-Vision				

	COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat								
12.	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 bythe Ministry of Environment and Forests as well		Canay Recurring						
	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.	<ol> <li>7. ETP Sludge Disposal</li> <li>8. CETP Charges</li> <li>9. Env Audit</li> <li>10. Env Monitoring Charges</li> <li>11. ETP Raw Material</li> <li>12. APCM Upgradation</li> </ol>	52 lacs	28 lacs					
13.	The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Complied.							
14.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.	We have obtained EC in 13 <sup>th</sup> April 2009 and its amendment obtain December 2018 which is attached as <b>ANNEXURE-XVI &amp;XVII</b> and info public that the project has been accorded environmental clearance and adv in two local newspapers that are widely circulated in the region with ver language Guajarati and another in English. Paper advertisement is attact <b>ANNEXURE-XIII.</b>							
15.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated E C conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.	Complied.							

	COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant By M/s. Shree Durga Syntex Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat						
16.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB /Committee and may also be seen at Website of the Ministry at 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.	<ul> <li>We have obtain EC in 13<sup>th</sup> April 2009 and its amendment obtain at 14<sup>th</sup>December 2018, and inform the public that the project has been accorded environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Guajarati and another in English as per below details:</li> <li>1. Gujarati news paper: 25/12/2018</li> <li>2. English news paper : 24/12/2018</li> </ul>					
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	Noted.					

F. No. J11011/98/2009-IA II (I), DATED: 13/04/2009 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of capacities for Fully Drawn Yarn, Polyester Chips & Captive power plant							
	<u>By M/s. Shree Durga Syntex F</u>	Pvt Ltd at Plot no: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat					
	Authority Act, 1997.						
l.	The above conditions will be enforced, inter-aliaunder 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	Noted.					
	(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.,

S.	CONDITIONS	
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 CETH (PEPL), Palsana. Please find attachment as <b>ANNEXURE-IX</b> .
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 <b>ANNEXURE-IX</b> .
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 unavoidablecircumstance as per undertaking submitted. In such situation, lignite consumption shall not exceed 4900 MT/Monthconsidering 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 ROPermeateand Boiler	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.

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.,

	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	
7.	obtained for withdrawal of water. No ground water shall be tapped for the project requirements without prior permission from the competent authority.	<b>Will be Complied.</b> Permission for withdrawing ground water is obtained from CGWA for 315 m <sup>3</sup> /Day. For additionally water requirement, application is made to CGWA which is under verification stage. Please refere <b>ANNEXURE-V.</b>
8.	Total industrial wastewater generation after proposed expansion shall not exceed 549 KLD. (180.KL/day existing + 369 KL/day Proposed).	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.	<b>Noted &amp; Will be Complied.</b> We ensure that For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge; however existing waste water which is treated in ETP will be sent to CETP (PEPL), Palsana.
10.	Additional waste water to be generated from the proposed expansion shall not exceed 369 KLD and it shall be treated in proposed ETP followed by RO system (Cap.400 KLD) & MEE system (Cap. 150 KLD).	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.	<b>Noted &amp; Will be Complied.</b> We ensure that For proposed expansion, complete treated water will be reused in cooling tower & condensate recovery in boiler, maintaining proposed expansion to ZERO Discharge,
12.	Wastewater generated from washing activity for existing facility (40 KLD) shall be sent to CETP after treatment in existing ETP. Waste water generated from proposed washing activity (79 KLD) will be treated in proposed ETP, MF/UF& 2-stage RO followed by 4-slage MEE	Noted & Will be Complied. The waste water generations of last six months from October 2021 to March 2022 from the unit are attached as ANNEXURE-IV.
	and treated water will be reuse in	

# 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.,

<ul> <li>Wastewater generated from complied. Please refer Annexure – IV.</li> <li>KLD &amp; Cooling - 114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler - 178 KLD &amp; Cooling - 112 KLD) will be treated in MF/UF &amp; 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower makeup water</li> <li>The domestic wastewater</li> <li>The domestic wastewater in the system in the system in the system is taken up either by the Govt. /GIDC.</li> <li>Will be Complied.</li> <li>Will be Complied.</li> <li>Will be Soak pit/septic tank</li> <li>Will be Complied.</li> <li>Will be Soak pit/septic tank</li> <li>Mile Soak pit/septic tank</li> <li>Will be Complied.</li> <li>Will be Soak pit/septic tank</li> <li>Soak pit/septic tank</li> <li>Will be Complied.</li> <li>Mile Complied.</li> <li>Mile Complied.</li> <li>Will be Complied.</li> <li>Mile Complied.</li></ul>		cooling lower make up water.	
<ul> <li>existing utilities (Boiler - 26 KLD &amp; Cooling -114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler - 178 KLD &amp; Cooling - 112 KLD) will be treated in MF/UF &amp; 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower makcup water</li> <li>The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank</li> <li>Proper logbooks of ETP, water consumption, reuse etc. shall be furnished to the GPCB from time to time</li> <li>The unit shall provide metering facility at the inlet &amp; outlet of the ETP, RO, MEE system &amp; reuse system and maintaining records for the same</li> <li>Proper logbooks of ETP, RO, MEE system &amp; cruse esystem and maintaining records for the same</li> <li>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.</li> <li>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.</li> <li>AJAIR</li> <li>Wit shall not exceed fiel consumption for Complied. Fuel consumption for Steam Boiler given</li> </ul>	12		
KLD & Cooling -114 KLD) shall be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boller - 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       Will be Complied.         14.       The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time.       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse, system and maintaining records for the same       Will be Complied.         17.       Proper logbooks of ETP, RO, MEE system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption, quantities 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.       Noted.         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.       Noted.	13.		Complied. Please refer Annexure – IV.
<ul> <li>be treated in existing ETP and treated water send to CETP. Wastewater generated from proposed utilities (Boiler - 178 KLD &amp; Cooling - 112 KLD) will be treated in MF/UF &amp; 2-stage RO followed by 4-stage MEE and treated water will be reuse in cooling tower makeup water</li> <li>The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank</li> <li>Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time</li> <li>The unit shall provide metering for the same</li> <li>The unit shall point exceed 26 Will be Complied.</li> <li>Will be Complied.</li> <li>Meter system &amp; reuse system and maintaining records for the same</li> <li>Proper logbooks of ETP, RO, MEE system &amp; chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be furnished to the GPCB from time to time.</li> <li>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.</li> <li>A JAIR</li> <li>With shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given</li> </ul>			
Iterated 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 generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time       Will be Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the same if of the same       Will be Complied.         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.       Will be Complied.         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.       Noted.         18.       The unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given			
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KLD & Cooling - 112 KLD) will be treated in MF/UF & 2-stage RO followed by 4-stage ME and treated water will be reuse in cooling tower makeup water       Will be Complied.         14.       The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         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.       Will be Complied.         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.       Noted.         Notifier       Unit shall not exceed fuel consumption for       Complied. Fuel consumption for Steam Boiler given			
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and treated water will be reuse in cooling tower makeup water       Will be Complied.         14.       The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaing records for the same       Will be Complied.         17.       Proper logbooks of ETP, RO, MEE system & consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption, tec. shall be furnished to the GPCB from time to time.       Will be Complied.         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 GUDC or GPCB or any such authority created for this purpose by the Govt. /GIDC.       Noted.         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 GUDC or GPCB or any such authority created for this purpose by the Govt. /GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given		be treated in MF/UF & 2-stage	
cooling tower makeup water         14.       The domestic wastewater generation shall not exceed fue discharge KLD and it shall be disposed in lo the soak pit/septic tank         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         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 furnished to the GPCB from time to time.       Will be Complied.         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 Gort. /GIDC.       Noted.         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 Gort. /GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given		RO followed by 4-stage MEE	
14.       The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         17.       Proper logbooks of ETP, RO, MEE system & reuse system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be furnished to the GPCB from time to time.       Will be Complied.         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 Gort./GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given		and treated water will be reuse in	
14.       The domestic wastewater generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       Will be Complied.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         17.       Proper logbooks of ETP, RO, MEE system & reuse system, chemical consumption, quantities and qualities of effluent reuse, effluent discharge to CETP, power consumption etc. shall be furnished to the GPCB from time to time.       Will be Complied.         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 Gort./GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given		cooling tower makeup water	
generation shall not exceed 26 KLD and it shall be disposed in lo the soak pit/septic tank       The Avg. domestic waste water generation will be discharge through septic tank & soak pit.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         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.       Will be Complied.         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 GUDC or GPCB or any such authority created for this purpose by the Gort. /GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given	14.		Will be Complied.
KLD and it shall be disposed in lo the soak pit/septic tank       through septic tank & soak pit.         15.       Proper logbooks of ETP, water consumption, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time       Complied.         16.       The unit shall provide metering facility at the inlet & outlet of the ETP, RO, MEE system & reuse system and maintaining records for the same       Will be Complied.         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 furnished to the GPCB from time to time.       Will be Complied.         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 Gort. /GIDC.       Noted.         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given			
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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.       Noted.         4.3 AIR       19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given		for the same	
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<ul> <li>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.</li> <li>A. 3 AIR</li> <li>19. Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given</li> </ul>			
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authority created for this purpose         by the Govt. /GIDC.         A. 3 AIR         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given			
by the Govt. /GIDC.         A. 3 AIR         19.       Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given			
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19. Unit shall not exceed fuel consumption for Complied. Fuel consumption for Steam Boiler given	<u> </u>		
Steam Boiler and stand-by DG set as mentioned in ANNEXURE XIV	19.		
Steam Bonor and Stand by DO Set as monitorized in ALTERCIAE ALT.		Steam Boiler and stand-by DG set	as mentioned in ANNEXURE XIV.

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>

Exis	ting											
Sr. no.	Source of emission With Capacity		Stac Heig (me	ght	Tyj Fuo	pe of el	of F	antity Fuel VDay	Type emis	e of sions	Air Pollu Control Measures (APCM)	
1	Steam boiler		11	Meters		WH	IRB		S	PM SO <sub>2</sub> JOx	Adequa Stack he	
2	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.)			20 m					S	PM SO <sub>2</sub> JOx	Adequa Stack he	
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)		(Common) 35.0 m (Common)							22440 sq.cm/ day	S	PM SO <sub>2</sub> NOx
4	Thermic Fluid Heater (Natural Gas Based/LE (10 Million Kcal/Hr.)	00)							S	PM SO <sub>2</sub> JOx	Adequate Stack height	
5	Thermic Fluid Heater (LDO/NG Based) (10 Million Kcal/Hr.) (Star by)	nd					100 m3/day	SPM SO <sub>2</sub> NOx		Adequate Stack height		
6	Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.)		4	50.0 m		Coal	N	80 //T/Day	S	PM SO <sub>2</sub> JOx	Electrost Precipita	
7	Steam boiler (1 TPH)			11 m	N			51500	S	PM SO <sub>2</sub> JOx	Adequate Stack heigh	
8	* Natural Gas Based C Engines(3.25 MW)	PP		30 m	<ul> <li>Natural Gas</li> </ul>		sq.cm /day		SPM SO <sub>2</sub> NOx		Adequate Stack height	
9	Steam Boiler (40 TPH) Biomass (Agro waste/Baggase) & Coa (15% as auxiliary fuel) based Power Plant (9 M #	1	8	30.0 m		nggase& i% Coal		250 con/day & 35 //T/Day	S	PM SO <sub>2</sub> IOx	Economizer, Air Pre-heater Electrostatic Precipitator	
Prop				1							·	
Sr. no.	Source of emission With Capacity	Stack Height (meter	t	Type of Fuel		Quanti of Fuel MT/Da		Type of emission i.e. Air Pollutar	ns	Air Po Contro Measu (APCI	ires	
1 2	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) # Steam Boiler (23	80.0	m Importe Coal/Lig			450 tons/da or 700		SPM SO <sub>2</sub> NO2	2	Pre- Elec	mizer, Air -heater, trostatic	
	TPH) for Coal based Power Plant (21 MW) #					tons/da		NO2	<b>x</b>	Prec	cipitator	

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

	3       Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.)         4       Steam boiler (2 TPH)	50.0 m			SPM SO <sub>2</sub> NOx	Electrostatic Precipitator		
20.	Unit shall provide adequate gas generation sources as m		e Con	nplied.				
21.	There shall be no process existing as well as from the	gas emission fro	We	<b>Noted.</b> We ensure that there will not be any process emission due to our production activity.				
22.	Sulfur and ash content of t shall be analyzed and its maintained.			real real real real real real real real				
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			ed &Will Bo	e Complied.			
24.	ash) shall be put in place.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			be Compli	ed.			
25.	height of the Boiler slack. 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.			be Compli	ed.			
26.	totally. Third party monitoring of	the functioning		be Compli				

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.,

		1
	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	Will be Complied.
	adopted lo 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	Will be Complied.
	out regular preventive maintenance of	() in be complete
	mechanical and electrical parts of ESPS and	
	assign responsibility of preventive	
	maintenance to the senior officer of the	
- 20	company.	
29.	Measures shall be taken to reduce the process	Complied.
	vapors emissions as far as possible.	We ensure that there will not be any process emission
		due to our production activity.
30.	The fugitive emission in the work zone	Will be Complied.
	environment shall be monitored. The emission	Work zone monitoring is being carried out
	shall conform to the standards prescribed by	periodically through third party NABL Approved.
	the concerned authorities from time to time	Ambient Air Monitoring Reports are Attached As
	(e.g. Directors of industrial Safety & Health)	ANNEXURE-VII. Same will be conducted for
	Following indicative guidelines shall also be	proposed expansion.
	followed to reduce the fugitive emission.	
31.	Internal roads shall be either concreted or	Complied.
	asphalted or paved properly lo reduce the	Complicat
	fugitive emission during vehicular movement.	
32.	Air borne dust shall be controlled with water	Will be Complied.
52.	sprinklers at suitable locations in the plant.	win be complica.
33.	A green belt shall be developed all around the	Will be Complied.
55.	plant boundary and also along the roads to	We ensure that proposed expansion has been carried
	mitigate fugitive & transport dust emission.	out on land area of <b>10577</b> m <sup>2</sup> . And Approx. 33% of it
	initigate ingitive & transport dust emission.	is greenbelt i.e. <b>3500 sq.meter</b> has been developed
		additionally.
34.	Regular monitoring of Volatile Organic	Complied.
	Compounds (VOCS) shall be carried out in	Compileu.
	the work zone area and ambient air	
35.	For control of fugitive emission, VOCS,	Noted.
55.	following steps shall be followed :	
		Complied
36.	Closed handling and charging system shall be	Complied.
	provided for chemicals.	
37.	Pumps shall be provided with mechanical	Complied. We have provided Pups with mechanical
	seals to prevent leakages.	seal to avoid any type of leakages.
	Airborne dust at all transfers operations/points	Sprinkling has been done on regular interval for
38.	shall be controlled either by spraying water or	control of Airborne dust.
	providing enclosures	
	Regular monitoring of ground level	Complied.
39.	concentration of PM10, PM2.5, SO2, NOx &	The gaseous emissions (NOx, SO2 & SPM) and
	VOC shall be carried out in the impact zone	Particulate matter along with RSPM levels & stack
	voc snall be carried out in the impact zone	raruculate matter along with KSPM levels & stac

# <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>

# Period – OCTOBER 2021 TO MARCH 2022

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

	and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	monitoring for SO2, NOx & SPM from various units are monitored at regular interval for ensuring the compliance. Same will be continued in future also for proposed expansion. Air Monitoring Report are attached as <b>ANNEXURE-</b> <b>VII</b> & Stack Monitoring Report are attached as <b>ANNEXURE-VI.</b>
A. 4 S	OLID / 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.	We ensured that generated hazardous waste is & will
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

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>

		Type/Name		Category and	Qua	antity (MT/Ar	nnum)		
	Sr. no.	of Hazardous waste	Source of generation	Schedule as 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 GPCB 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.	permi TSDI	unit shall obtainsion from F site and CHW	the nearby IF.	-	SDF Men	bership atta	ched as ANN	NEXURE-IX.	
45.	transp waste the p Vehic	cs/Tankers portation of shall be in accorrovisions unde cle Act, 1988 there under.	hazardous ordance with r the Motor	Complied.					
46.	The c shall	lesign of the Tr be such that ge during transp	there is no	Complied.					
47.	All p	ossible efforts s Co-Processing	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.,
Guiarat

disposal into TSDF/CHWIF.	
Management of fly ash (if any)	Complied.
	F
-	
	Complied.& Will be Complied for Proposed Expansion
under the Factories Act 1948 and	
	Complied& Will be Complied for Proposed Expansion
	Complied& Will be Complied for Proposed Expansion
-	······································
	Complied& Will be Complied for Proposed Expansion
	r r r r r r r r r r r r
-	
-	
e	
5	
11	
e e	
First Aid Box shall be made	Complied& Will be Complied for Proposed Expansion
	r
	Complied& Will be Complied for Proposed Expansion
1 5	
	Complied& Will be Complied for Proposed Expansion
passage shall be kept in the	
margin area for free movement	
	shall be as per the Fly ash Notification 200g & its amendment time to lime and it shall been sure that there is 100% utilization of fly ash to be generated from the unit. <b>AFETY</b> The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963. Project specific process Safety Management System shall be developed as per the prevailing norms and it shall be implemented in letter and spirit. Unit shall adopt automization system along with high safety measures for polymerization process. 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. First Aid Box shall be made readily available in adequate quantity at all the times. Main entry and exit shall be separate and clearly marked in the facility. Sufficient peripheral open

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

	seeking immediate medical attention in the case of emergency.				
	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised	enforced. A	Suitable PPEs have to be prov 11 the PPEs procured are of BI enforcement of wearing is done re	S appro	
	clisured and supervised	S.No	PPEs	UOM	QTY
		1	Self contained Breathing Apparatus- 10kg	Nos.	10
		2	Full Face masks	Nos.	25
		3	Trolley mounted oxygen cylinders	Nos.	5
		4	Full body chemical protection suits	Nos.	10
		5	Chemical splash proof goggles	Nos.	50
66.		6	Aluminized fire fighting suits	Nos.	10
		7	25mm hose clips with screw clips	Nos.	10
		8	Gum boots full length	Nos.	25
		9	Leather hand gloves	Pair	50
		10	Electrical hand gloves	Pair	5
		11	Non permeable hand gloves	Nos.	25
		12	Safety helmets	Nos.	50
		13	Safety shoes sizes	Pair	60
		14	Pick axles	Nos.	2
		15	Shovels	Nos.	5
		16	Rain coats full size	Nos.	10
		17	Stretchers	Nos.	2
	First Aid Box and required	Complied.			
67.	Antidotes for the chemicals used in the unit shall be made readily				
	available in adequate quantity. Training shall be imparted to all	Complied 7	Fraining imparted to all level emp	loves	Complied
68.	the workers on safety and health		iodical medical examinations for a		
	aspects of chemicals handling		on regular basis.		,
	Occupational health surveillance		k-up of all workers is being of	lone per	iodically an
	of the workers shall be done and		maintained as per Factories Act.		-
	its records shall be maintained.	1			
69.	Pre-employment and periodical				
	medical examination for all the				
	workers shall be undertaken as				
	per the Factories Act & 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.,

	Transportation of hazardous	Complied.
70.	chemicals shall be done as per	
/0.	the provisions of the Motor	
	Vehicle Act & Rules.	
	The company shall implement all	
71	preventive and mitigation	
71.	measures suggested in the Risk	
	Assessment Report.	
	Necessary permissions from	
	various statutory authorities like	
72.	PESO, Factory inspectorate and	
/2.	others shall be obtained prior lo	
	commissioning of the project.	
	NOISE	
A. 0. 1	The overall noise level in and	Complied The everall noise levels in and around the plant
		<b>Complied.</b> 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	Equipment 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 (	LEANER PRODUCTION AND	WASTE MINIMISATION
<b>A.</b> 7. C	The unit shall undertake the	Complied.
	Cleaner Production Assessment	Complica.
	study through a reputed institute	
	/ organization and shall form a	
74.		
, <b>.</b>		
,	CP team in the company. The	
	CP team in the company. The recommendations thereof along	
	CP team in the company. The recommendations thereof along with the compliance shall be	
	CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	Complied
	CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB. The company shall undertake	Complied.
75.	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.
	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.	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.
	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.	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 waste.	
75.	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 waste. Reuse of by-products from the	Automatic filling / transfer system is being provided to minimize
75. 76.	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
75.	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 waste. Reuse of by-products from the	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.	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 waste. Reuse of by-products from the process as raw materials or as raw materials substitutes	Automatic filling / transfer system is being provided to minimize the spillage i.e. Chain conveyor system provided at PTA handling area and then stored in Silo and transferred to schenck system to paste tank for plant.
75. 76.	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

# 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.,

79.	Use of close feed system into	Complied.
/9.	batch reactors.	
80.	Venting equipment through vapor recovery system.	
81.	use of high pressure hoses for cleaning to reduce wastewater generation	
82.	Recycling of washes to subsequent batches.	
83.	Recycling of steam condensate	
84.	Sweeping / mopping of floor instead of floor washing lo avoid effluent generation	
85.	Regular preventive maintenance for avoiding leakage, spillage etc'	
A. 8 (	GREENBELT AND OTHER PLA	NTATION
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. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt	m2. And Approx. 33% of it is greenbelt i.e. <b>3500 sq. meter</b> has been developed additionally.
87.	development within the premises.	
B. 01	THER 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 ⁢'s APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB	<b>Complied.be</b> The gaseous emissions (NOx, SO2 & SPM) and Particulate matter along with RSPM levels & stack monitoring for SO2, NOx & SPM from various units are monitored at regular interval for ensuring the compliance. Stack monitoring is being carried out periodically through third party NABL Approved. Stack Monitoring Report are attached as <b>ANNEXURE-VI</b> .

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.,

	every year along with hall yearly	
	compliance report	
	The project proponent shall	Complied.
	allocate the separate fund for	
	Corporate Environment	For community welfare measures and CSR activity adequate fund
	Responsibility (CER) in	allotted. The amount is utilized for various communities, welfar
	accordance to the MoEFCC's	
		and eco development projects within and surrounding areas of
	Office Memorandum No.	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	
90.	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.	
	Rain water harvesting of surface	Complied.
	as well as rooftop runoff shall be	To conserve ground water as well as reduced consumption of water
	undertaken and the same water	rain water recharging is carried out to recharge ground water befo
	shall be used for the various	its get evaporated. 3 Nos. of percolating recharge pits are provide
91.	activities of the project to	for rain water recharging.
<i>)</i> 1.	conserve fresh water as well as	
	lo recharge ground water. Before	
	recharging the surface run off,	
	pretreatment must be done to	
	remove suspended matte	
	The unit shall join and	Noted.
92.	participate financially and	
	technically for any common	
	teennieung for ung common	1

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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	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.	
	Application of solar energy shall	Noted.
	be incorporated for illumination	
	1	
02	of common areas, lighting for	
93.	gardens and street lighting, in	
	addition the provision for solar	
	water heating system shall also	
	be provided.	
	The area earmarked as green	We ensure that area earmarked as green area shall be used only for
94.	area shall be used only for	plantation and shall not be altered for any other purpose
94.	plantation and shall not be	
	altered for any other purpose	
	All the commitments /	Noted.
	undertakings given to the SEAC	
	during the appraisal process for	
95.	the purpose of environmental	
	protection and management shall	
	be strictly adhered to.	
	The project proponent shall also	Complied.
		Complied.
	comply with any additional	
	condition that may be imposed	
96.	by 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	occurrence we will intimate to board & authority time to time. In
1 1	safely closed down and shall not	event of failure of APCM, the unit shall not restart until the control
	be restarted until the desired	measures are rectified to achieve the efficiency.
	efficiency of the control	y-
	equipment has been achieved.	
	The project authorities must	We are strictly agree, complying & will continue to comply with all
	strictly adhere to the stipulations	stipulation made by GPCB as per CC&A No. AWH - 104837
		Dated:14/11/2019, Valid Till-3/7/2022.
	made by the Gujarat Pollution	Dattu. 14/11/2019, Vallu 1111-5/ //2022.
	Control Board (GPCB).State	
	Government and any statutory	
1 I		
	authority.	
	During material transfer there	Complied.
	During material transfer there shall be no spillages and garland	We are ensuring that during transfer of materials, spillages are
	During material transfer there	

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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	spillages with domestic	
100.	wastewater or storm water. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied.
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.

### <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>

# Period – OCTOBER 2021 TO MARCH 2022

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

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.	<b>Complied.</b> For community welfare measures and CSR activity adequate funds allotted. The amount is utilized for various communities, welfare and eco development projects within and surrounding areas of project site.
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.	Noted. We have obtain EC in year 2009 and its amendment obtain at 14 <sup>th</sup> December 2018, and inform the public that the project has been accorded environmental clearance and advertised in two local newspapers that are widely circulated in the region with vernacular language Guajarati and another in English Paper advertisements are attached as <b>ANNEXURE- XIII.</b> 1. Guajaratinews 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 <sup>st</sup> June and 1st December of each calendar year.	Complied.

# 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 suspend the clearance. if implementation of any of the above conditions is not found satisfactory.	
113.	above conditions is not found satisfactory. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional	Noted.
	conditions, if the same is found necessary. The protect authorities shall	Noted.
114.	inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the condemned authorities and the date of start of the project.	
115.	This environmental clearance is valid for seven years from the date of issue	Noted.
116.	environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
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	Noted.

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

cancelled.	

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

#### 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 – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat ANNEXURE-I(A) STATE LEVEL ENVIRONMENT S. M. SAIYAD, IFS IMPACT ASSESSMENT MEMBER SECRETARY AUTHORITY

SEIAA (GUJARAT)



# **GUJARAT**

**Government** of Gujarat

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

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.	Name of the Products	CAS no. / Cl no.	Quantity			End-use of the
no.			Existing	Proposed	Total	products
1	Polyester Chips	-	600 Tons/day	200 Tons/day	800 Tons/day	POY/FDY/ Making Fabric
2	Fully Drawn Yam (FDY)	-	300 Tons/day	200 Tons/day	500 Tons/day	Making Fabric
3	Partially Oriented Yarn (POY)/ Texturised Yarn	-		300 Tons/day	300 Tons/day	Making Fabric
4	Nylon- 6 Chips/ Nylon Yarn	-	-	200 Tons/day	200 Tons/day	Making Fabric
5	Power	-	3.25 MW (Natural Gas Based) 9.0 MW (Biomass (Agro waste/baggase) & Coal (15% as auxiliary fuel) based Captive power plant)	21.0 MW (Coal/ Lignite Based) Captive power Plant	33.25 MW	Power Generation
By-Pro	oduct		1.00 C.	k	53	
6	Nylon Polymer Lumps	-	3 <b></b> -	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. A. CONDITIONS :

A. 1 SPECIFIC CONDITION :

Urifishall adopt proper methods for segregation of waste water streams based on characteristics at source and its sound prenagement 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.

Cit 28 - Unit shall not exceed waste water discharge quantity into CETP of M/s: PEPL as mentioned in the existing CC8A.

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., Gujarat

- 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 withdrawat 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).
- 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 the 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 furfished 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 riteintain 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:

Exist	ling		2011 - 1999 - 2012 1999 - 2011 - 2012	381 - 1865 16		
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	<del>le chie dour</del>	SPM SO2 NOX	Adequate Stack height
2	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcəl/Hr.)	20 m (Common)	Natural Gas	22440 sq.cm/day	SPM SO <sub>2</sub> NOX	Adequate Stack height
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)				SPM SO2 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

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5 Thermic Fluid Heater SPM Adequate LDO 100 SO<sub>2</sub> Stack height (LDO/NG Based) (10 m3/day Million Kcal/Hr.) (Stand NOx by) 6 Thermic Fluid Heater 50.0 m SPM Electrostatic Coal 80 MT/Day (Coal based) SO2 Precipitator (14 Million Kcal/Hr.) NOx 7 Steam boiler (1 TPH) SPM 11 m Natural Gas 51500 Adequate Stack height sq.cm/day SO2 8 \* Natural Gas Based CPP NOx Adequate 30 m Stack height Engines(3.25 MW) 9 Steam Boiler (40 TPH) for 80.0 m Bagasse& 250 ton/day SPM Economizer, Biomass SO<sub>2</sub> Air Pre-15% Coal (Agrowaste/baggase) & 35 MT/Day NOx heater. Coal (15% as auxiliary Electrostatic fuel) based Power Plant Precipitator (9 MW) # Proposed Sr Source of emission Stack Type of Quantity Type of Air Pollution With Capacity emissions i.e. **Control Measures** Height of Fuel no. Fuel MT/Day (APCM) (meter) Air Pollutants Steam Boiler (70 TPH) 80.0 m Imported 450 Economizer, Air 1 SPM for Coal based Power Coal/Lignite tons/day SO2 Pre-heater, Electrostatic Plant (21 MW) # NOx OF Steam Boiler (23 TPH) 2 700 Precipitator for Coal based Power tons/day

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3

4

Plant (21 MW) #

(Coal based)

Thermic Fluid Heater

(18 Million Kcal/Hr.)

Steam boiler (2 TPH)

1

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

50.0 m

21. There shall be no process gas emission from existing as well as from the proposed project.

22. Sulfur and esh 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.

SPM

SO<sub>2</sub> NOX Electrostatic Precipitator (ESP)

- 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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## <u> Period – OCTOBER 2021 TO MARCH 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.
  - Hazardous / Solid waste management shall be as below:

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

43. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 201

44. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.

45. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act. 1988, and rules made there under.

46. The design of the Trucks/tankers shall be such that there is no spillage during transportation

47. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.

48. Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.

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## A. 5 SAFETY:

- 49. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.
- 50. Project specific process Safety Management System shall be developed as per the prevailing norms and it shall be implemented in letter and spirit.
- 51. Unit shall adopt 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.
- 61. Flame proof electrical fittings shall be provided in flame proof zones or wherever applicable in Plant premises
- 62 Storage of hazardous chemicats 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



act a

- 4. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
- 65. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
- 66. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
- 67. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
- 68. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
- 69. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
- 70. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
- 71. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
- 72. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

#### A. 6 NOISE:

73. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall 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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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

- 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 igniting in addition the provision for solar water heating system shall also be provided.
- 94. The area carmarked 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 soll 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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#### PERIOD - OCTOBER 2021 TO MARCH 2022

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

<u>Gujarat</u>

- 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 stiputations 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 Tribunat, 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. AA ours singerely. 205 S. M. SAIYADI 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 – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat.,

Gujarat

ANNEXURE-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.

 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

 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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## Clean Gujarat Green Gujarat

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

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	Polyester Chips	600 Tons/Day	200 Tons/Day	800 Tons/Day	
4	Power	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)).
- 2. As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'.
- 3. Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water.
- 4. Industry shall provide dedicated storage facility for fly 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. 6

M/s. Shree Durgs Systex 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>

# **GUJARAT POLLUTION CONTROL BOARD**

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

- 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	<b>CETP INLET NORMS</b>
PH	6.5 TO 8.5
Temperature	40 <sup>0</sup> C
Colour (pt.co.scale) in units	100 units
Suspended Solids	300 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
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
PH	6.5 TO 8.5
Temperature	40 <sup>6</sup> C
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic Compounds	I mg/l
Sulphides	2.0 mg/

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

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## Clean Gujarat Green Gujarat

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



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/1

#### <u>OR</u>

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.	Fuel	Existing	Proposed	Quantity
1)	Imported Coal	80 Tons/day	450 tons/day	530 tons/day
	Lignite		700 tons/day	700 tons/day
2)	Natural gas	76875 sq.cm/day		76875 sq.cm/day
3)	LDO	100 m <sup>3</sup> /day		100 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 <sub>2</sub> NO <sub>3</sub>	t 50 mg/NM <sup>3</sup> L 00ppm 50ppm
2	Natural Gas Based Steam Boiler (1 TPH)	11		PM SO <sub>2</sub> NO <sub>8</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm

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

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# Clean Gujarat Green Gujarat

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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 Thermie Fluid Heater (14000 U)	50	Electrostatic Precipitator	PM SO2 NOx	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
4	1 TPH Boiler with TFH (14000 U)	11	Waste heat recovery system	PM SO <sub>2</sub> NO <sub>8</sub>	150 mg/NM <sup>2</sup> 100 ppm 50 ppm
5	Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by	20		PM SO <sub>2</sub> NO <sub>3</sub>	L50 mg/NM <sup>3</sup> L00ppm 50ppm
6	Natural Gas & LDO/FO Based Thermic Fluid Heater (10000 U) × 2 One Stand by	35		PM SO <sub>2</sub> NO <sub>5</sub>	150 mg/NM <sup>*</sup> 100ppm 50ppm
7	Captive Power Plant (9 MW)	80	Electro Static Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
8	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW)	80	Economizer, Air Pre-heater, ESP	PM SO <sub>2</sub> NO <sub>4</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
9	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW)				
10	Thermic Fluid Heater (Coal based) (18 millilon Keal/hr)	50	ESP	PM SO <u>2</u> NO <sub>4</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
11	Steam Boiler (2 TPH)	50	Waste heat recovery system	PM SO <sub>2</sub> NO <sub>4</sub>	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. 000000

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Period – OCTOBER 2021 TO MARCH 2022

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

Gujarat



# 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')			
	Annual	24 Hrs Average		
Particulate Matter-10 (PM 10)	60	100		
Particulate Matter- 2.5 (PM 25)	40	60		
SO <sub>2</sub> NO <sub>8</sub>	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 Durgs 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) Instaliation 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
Т •.	Chemical Sludge from waste water treatment	75	35.3	Collection. Storage, Transportation and disposal at GPCB authorized TSDF Site.
2	Used or Spent Oil	3	5.1	Collection. storage, transportation and disposal by selling to Registered re-refiners.
3	Empty barrels/containers/ liners contaminated with hazardous chemicals/ wastes	25	33.1	Collection, storage transportation and disposal to authorized decontaminator
4	Chemical Residue	300	24.1	Collection. Storage, Transportation and disposal at GPCB authorized TSDF Site/ sale to co-processing unit.

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

For and on behalf of **Gujarat Pollution Control Board** 

(Sushil Vegda) Senior Environmental Engineer

No:526769 14/11/2019 M/s. Shree Durga Syntex Pvt. Ltd. X SA

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

**ANNEXURE-II** 

# **PRODUCTION DETAILS FOR LAST SIX MONTHS**

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

## COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex

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

## **ANNEXURE-III**

	WASTE W				04/00/0000		
S.SHF	REE DURGA SYNTEX PVT LTD			Issue Date			
LOCK N	0.128, 129,130 & 175, LVA, TAL: PALSANA, 394305.			Report No	220321_1718029_04_038		
8	CRIPTION OF SAMPLING : scription of Sample: RAW EFFLUENT		09. Date o	of Sampling:	14.03.2022		
	ation of Sampling Point: ETP INLET		the second s		aceived: 14.03.2022		
	e of Sampling: GRAB				tart: 15.03.2022		
	me of Sampling Team: A				completion: 19.03.2022		
	nple Quantity: 2.0 LTR al no. of Sample: 01			mer's Ref.Ne col Purpose:			
and the second second	king/Label/Seal: PACKING/LABEL		15.Work Order Number :				
)8. Sar	mple Inward No: 220314_1718029_04_038		16.Work 0	Order Date :			
RESU	JLT OF SAMPLE :						
CODE	PARAMETERS	UNIT	LIMIT	RESULT	TEST METHOD		
P <sub>1</sub>	pH	pH Unit		6.69	IS:3025, (Part-2) (R.A2012)		
P <sub>2</sub> P <sub>3</sub>	Temperature	°C Pt. Co.Sca		33.0	IS 3025 (Part-09) (R.A2006) IS 3025 Part-4 (R.A2006)- Pt/Co		
0.525	Colour	14,92,019,020,000	ie -	140	method		
P4	Suspended Solids	mg/l	-	156	IS:3025 (Part-17) (R.A2012) (Gravimetric method)		
Pp	Total Dissolved Solids	mg/l		2364	IS:3025 (Part-16) (R.A2012) (Gravimetric method)		
01	Chemical Oxygen Demand	mg/l		2288	APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux - Titrimetric method)		
O2	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	1990 (March 1990)	680	IS 3025 Part-44 (R.A2009)		
O3	Oil & Grease	mg/l	-	10.9	IS 3025 Part-39 (R.A2003)-A (Gravimetric Method)		
O4	Ammonical Nitrogen (as N)	mg/l	1750	ND	IS:3025 (Part-34) (R.A2009)- C- Distillation/ Titrimetric method)		
O <sub>5</sub>	Phenolic Compounds	mg/l	-	0.27	IS 3025 (Part-43) (R.A2009)-A		
l4	Sulphides	mg/l	-	ND	IS 3025 (Part-29) (R.A2014) (Iodometric Method)		
4	Sulphates	mg/l	-	619	APHA 22 <sup>nd</sup> Edition=2012 4500 SO <sub>4</sub> = <sup>2</sup> -1 (Turbidity method)		
ls	Chloride as Cl	тgЛ	1.7	589.9	IS:3025 (Part-32) (R.A2014)		
ote: ne resul ne test i	: ND: Not Detectable. Its relate only to the items tested. report shall not be reproduced except in full, LAB/FM/05 Revision No: 00 Date: 07.12.18				, (Testing Laboratory), Surat ratory. Arr. ***		
(	sted By:				Mr. Vasant Shah (Technical Manager)		

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:		Г	Issue Date	21/03/2022
OT NO	EE DURGA SYNTEX PVT LTD D. Z & E,		-	Report No	
LL: JOI JRAT-3	10.128, 129,130 & 175, LVA, TAL: PALSANA, 194305. CRIPTION OF SAMPLING :				
	cription of Sample: RAW EFFLUENT		09. Date o	f Sampling:	14.03.2022
	ation of Sampling Point: ETP AFTER PRIMA	ARY			ceived: 14.03.2022
	e of Sampling: GRAB				tart: 15.03.2022
	me of Sampling Team: A nple Quantity: 2.0 LTR			r Analysis C ner's Ref.No	completion: 19.03.2022
	al no. of Sample: 01		220.0384.0394.0000	ol Purpose:	
7. Pac	king/Label/Seal: PACKING/LABEL		15.Work O	rder Numb	er :
8. San	nple Inward No: 220314_1718029_04_039		16.Work O	order Date :	
] RESU	ILT OF SAMPLE : PARAMETERS	UNIT	LIMIT	RESULT	TEST METHOD
P1	pH	pH Unit		8.13	IS:3025, (Part-2) (R.A2012)
P2 P3	Temperature Colour	°C Pt. Co.Scal		31.0 110	IS 3025 (Part-09) (R.A2006) IS 3025 Part-4 (R.A2006)- Pt/Co
85					method
P4	Suspended Solids	mg/l	-	114	IS:3025 (Part-17) (R.A2012) (Gravimetric method)
Ps	Total Dissolved Solids	mg/l	1	2620	IS:3025 (Part-16) (R.A.=2012) (Gravimetric method)
O <sub>1</sub>	Chemical Oxygen Demand	mg/l	-	1264	APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux -Titrimetric method)
02	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	-	405	IS 3025 Part-44 (R.A2009)
$O_3$	Oil & Grease	mg/l	-	6.20	IS 3025 Part-39 (R.A2003)-A (Gravimetric Method)
O4	Ammonical Nitrogen (as N)	mg/l		ND	IS:3025 (Part-34) (R.A2009)- C-
Ó5	Phenolic Compounds	mg/l		0.11	Distillation/ Titrimetric method) IS 3025 (Part-43) (R.A2009)-A
14	Sulphides	mg/l	-	ND	IS 3025 (Part-29) (R.A2014)
14	Sulphates	mg/l	-	588.3	(Iodometric Method)/ APHA 22 <sup>nd</sup> Edition-2012 4500 504- <sup>2</sup> -F
27.263		17.00011	0.000	101010900	(Turbidity method)
Is .	Chloride as Cl	mg/l	-	529.81	IS:3025 (Part-32) (R.A2014)
lote: he resu he test	: ND: Not Detectable. Its relate only to the items tested. report shall not be reproduced except in full, LAB/FM/05 Revision No: 00 Date: 07.12.18				, (Testing Laboratory), Surat pratory. کرب Mr. Vasant Shah
Te	ested By:				(Technical Manager)
		End of Re			

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.,

IAME & ADDRESS OF CUSTOMER: SHREE DURGA SYNTEX PVT LTD 'NO. Z & E, X NO.128, 129,130 & 175, JOLVA, TAL: PALSANA,			Issue Date			
CK NO.128, 129,130 & 175,				e 21/03/2022		
AT-394305.			Report No	220321_1718029_04_040		
ESCRIPTION OF SAMPLING :						
Description of Sample: RAW EFFLUENT Location of Sampling Point: ETP OUTLET				14.03.2022		
Type of Sampling: GRAB			-	ceived: 14.03.2022		
Name of Sampling Team: A		ingenie in groupers ing	1. 100 March 1. 10	Completion: 19.03.2022		
Sample Quantity: 2.0 LTR		13. Custon				
Total no. of Sample: 01			ol Purpose:	and the second		
Packing/Label/Seal: PACKING/LABEL		15.Work Order Number :				
Sample Inward No: 220314_1718029_04_0	40	16.Work O	rder Date :	122		
ESULT OF SAMPLE : DE PARAMETERS	UNIT		RESULT	TEST METHOD		
pH	pH Unit	6.5-8.5	7.52	IS:3025, (Part-2) (R.A2012)		
2 Temperature	°C	40.0	29.0	IS 3025 (Part-09) (R.A2006)		
3 Colour	Pt. Co.Scal	e 100	90.0	IS 3025 Part-4 (R.A2006)- Pt/Co		
Suspended Solids	mg/l	300	72.0	method IS:3025 (Part-17) (R.A2012) (Convinctor method)		
5 Total Dissolved Solids	mg/l	2100	1984	(Gravimetric method) IS:3025 (Part-16) (R.A2012) (Gravimetric method)		
1 Chemical Oxygen Demand	mg/l	1000	688	(Gravimetric method) APHA 22 <sup>nd</sup> Edition-2012, 5200 (Close reflux -Titrimetric method)		
Biochemical Oxygen Demand for 3 days at 27	C mg/l	400	210	IS 3025 Part-44 (R.A2009)		
3 Oil & Grease	mg/l	10.0	4.30	IS 3025 Part-39 (R.A2003)-A (Gravimetric Method)		
4 Ammonical Nitrogen (as N)	mg/l	50.0	ND	IS:3025 (Part-34) (R.A2009)- C-		
5 Phenolic Compounds	mg/l	1.0	0.08	IS 3025 (Part-43) (R.A2009)-A		
Sulphides	mg/l	2.0	ND	IS 3025 (Part-29) (R.A2014)		
Sulphates	mg/l	1000	372.4	(Iodometric Method)/ APHA 22 <sup>nd</sup> Edition-2012 4500 SO <sub>4</sub> - <sup>2</sup> -E		
		600	479.81	(Turbidity method)		
Chloride as Cl	mg/l	600	479.81	IS:3025 (Part-32) (R.A2014) (Argentometric method)		
rks: ND: Not Detectable. : results relate only to the items tested. test report shall not be reproduced except in f No: LAB/FM/05 Revision No: 00 Date: 07.12.1 Tested Bv:	ull, without wr			, (Testing Laboratory), Surat oratory. Mr. Vasant Shah (Technical Manager)		
	End of Re			(reenned Handger)		

# Period – OCTOBER 2021 TO MARCH 2022

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

LL: JOLVA,       L.: PALSANA,         AL: PALSANA,       URAT-394305.         D) DESCRIPTION OF SAMPLING :       05. Time of Sampling : 02:40 PM         D2. Location of Sampler : ETP SLUDGE       06. Date of Sample Received : 14.03.2022         D3. Name of Sampling Team: A       07. Date of Analysis Start : 15.03.2022         D4. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 19.03.2022         D2. RESULT OF SAMPLE :       CODE         CODE       PARAMETERS       UNIT         RESULT OF SAMPLE :       CODE         CODE       PARAMETERS       UNIT         Readfirmed 2007)       P3         P1       pH       PH Unit       7.61         P3       Alkalinity       gm/kg       8.10       15:3025 (Part-16) : 1984         (Readfirmed 2007)       P3       Alkalinity       gm/kg       8.10       15:3025 (Part-23) : 1984         P4       Moisture       96       12.8       15:2720(Part - 26) - 1987       (Readfirmed 2007).73         P5       Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH       gm/kg       ND       15:3025 (Part-43): 1992       (Readfirmed 2007).73         P5       Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH       gm/kg       16.0       APHa 22* Efficiton-2012 5200 - C       (Close reflux - Thrimetric method       <	<b>M/S.SHR</b> PLOT NC BLOCK N VILL: JOL TAL: PAL	EE DURGA SYNTEX PVT.LTD ). Z & E, IO.128, 129,130 & 175, .VA,			Date 21/03/2022
COCK NO.128, 129, 130 & 175, IL: JOLVA         Z20321_1718029_06_0           AL: PALSANA, DURAT-394305.         220321_1718029_06_0         220321_1718029_06_0           AL: PALSANA, DURAT-394305.         DESCRIPTION OF SAMPLING :         05. Time of Sampling : 02:40 PM           21. Sample Inward No : 220314_1718029_06_041         05. Time of Sampling : 02:40 PM         06. Date of Sampling : 02:40 PM           22. Location of Sampler : ETP SLUDCE         06. Date of Analysis Start : 15.03.2022         09. Date of Analysis Start : 15.03.2022           23. Name of Sampling 14.03.2022         08. Date of Analysis Completion : 19.03.2022         07. Date of Analysis Completion : 19.03.2022           23. RESULT OF SAMPLE :         CODE         PARAMETERS         UNIT         RESULT         TEST METHOD           P1         PH         PH Unit         7.61         IS 2720 (Part - 26) - 1987 (Readfirmed 2007)         IS:3025 (Part-16) : 1984 (Readf.2006)- Gravinetric method           P2         Total Dissolved Solids (TDS)         gm/kg         1.0         IS:3025 (Part-23) : 1986           P3         Alkalinity         gm/kg         8.10         IS:3025 (Part-3) : 1984 (Readf.2009)- A           P4         Moisture         %         12.8         IS:2720 (Part - 2) : 1973 (Readf.2009)- A           P4         Moisture         %         12.8         IS:3025 (Part-43): 1992 (Close refux - Thi	BLOCK N VILL: JOI TAL: PAL	IO.128, 129,130 & 175, .VA,		Penort	
URAT-394305.         P) DESCRIPTION OF SAMPLING :         23. Sample Inward No : 220314_1718029_06_041       05. Time of Sampling : 02:40 PM         24. Location of Sampler : ETP SLUDGE       06. Date of Sampler Received : 14.03.2022         23. Name of Sampling team: A       07. Date of Analysis Start : 15.03.2022         24. Date of Sampler :       08. Date of Analysis Completion : 19.03.2022         25. RESULT OF SAMPLE :       09. Date of Analysis Completion : 19.03.2022         26. Total Dissolved Solids (TDS)       gm/kg         27. Total Dissolved Solids (TDS)       gm/kg         29. Alkalinity       gm/kg         29. Honolic Compounds as C4H <sub>5</sub> OH       gm/kg         29. Phenolic Compounds as C4H <sub>5</sub> OH       gm/kg         20. Biochemical Oxygen Demand       gm/kg         20. Biochemical Oxygen Demand for 3 days 27°C       gm/kg         20. Biochemical Oxygen Demand for 3 days 27°C       gm/kg         20. LOAS Folder Compounds as C4H <sub>5</sub> OH       gm/kg         21. Size Folder Compound Services (Testing Laboratory), Service         21. Size Folder Compounds as C4H <sub>5</sub> OH       gm/kg         22. Biochemical Oxygen Demand for 3 days 27°C       gm/kg         23. Biochemical Oxygen Demand for 3 days 27°C       gm/kg         24. Chemical Bay Folder Compound Services (Testing Laboratory), Service				Report	No. 220321_1718029_06_04
D2. Location of Sampler : ETP SLUDGE       06. Date of Sample Received : 14.03.2022         D3. Name of Sampling Team: A       07. Date of Analysis Start : 15.03.2022         D4. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 19.03.2022         D5. RESULT OF SAMPLE :       07. Date of Analysis Completion : 19.03.2022         D6. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 19.03.2022         D6. Date of Sampler :       06. Date of Analysis Completion : 19.03.2022         D6. Date of Sampler :       08. Date of Analysis Completion : 19.03.2022         D6. Date of Sampler :       08. Date of Analysis Completion : 19.03.2022         D6. Date of Sampler :       08. Date of Analysis Completion : 19.03.2022         D7. Date of Analysis Completion :       19.03.2022         D8. Date of Sampler :       09. Date of Analysis Completion :         D9. Total Dissolved Solids (TDS)       gm/kg         16.0       15:3025 (Part-43) : 1984         (Reaff.2009). Thrimetric method       (Reaff.2009). Thrimetric method         P4.       Moisture       %       12.8       IS 2720(Part - 2) : 1973         P5.       Phenolic Compounds as CeHoOH       gm/kg       16.0       APH4 22° Edition-2012 5200 - C         O1.       Chemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.2000	B] DESC				
D3. Name of Sampling Team: A       07. Date of Analysis Start : 15.03.2022         D4. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 19.03.2022         D5. RESULT OF SAMPLE :       07. Date of Analysis Completion : 19.03.2022         CODE       PARAMETERS       UNIT       RESULT       TEST METHOD         P1       pH       pH Unit       7.61       IS 2720 (Part - 26) - 1987 (Reaffirmed 2007)         P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part - 6) : 1984 (Reaff.2009) Thrimetric method (Reaff.2009) Thrimetric method         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part - 2) : 1973 (Reaff.2009) Thrimetric method (Reaff.2009) Thrimetric method (Reaff.2009) Thrimetric method         P4       Moisture       %       12.8       IS 2720(Part - 2) : 1973 (Reaff.2009): A         P5       Phenolic Compounds as CeH50H       gm/kg       ND       IS 3025 (Part - 43) : 1992 (Reaff.2009): A         O1       Chemical Oxygen Demand for 3 days 27°C       gm/kg       16.0       APHA 22°F Edition-2012 5200 - C (Close refux - Thrimetric method         O2       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         Chemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         Che					
Code       PARAMETERS       UNIT       RESULT of SAMPLE :         Code       Parameters       UNIT       Result       Test METHOD         P1       pH       pH       Readination       Readination       Parameters         P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part-26) : 1987         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part-26) : 1984         P4       Moisture       %       12.8       IS:2720(Part-2) : 1973         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS:3025 (Part-2) : 1973         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS:3025 (Part-4) : 1992         Q4       Chemical Oxygen Demand       gm/kg       16.0       APHA 22th Edition-2012 5200 - C         Q5       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS:3025 Part-44-1993 (Reaff.2009)         Commercial Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS:3025 Part-44-1993 (Reaff.2000)         Rease       En-Vision Environmental Services., (Testing Laboratory), Sumetric       Sumetric         Rease       Eneryoit shall not be reproduced except in full, without written approval of the laboratory.       Sumetric         Rease <td< td=""><td></td><td></td><td></td><td></td><td>•</td></td<>					•
CODE       PARAMETERS       UNIT       RESULT       TEST METHOD         P1       pH       pH       PH Unit       7.61       IS 2720 (Part - 26) - 1987 (Reaffirmed 2007)         P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part - 16) : 1984 (Reaff.2009) Titrimetric method         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part - 23) : 1986 (Reaff.2009) Titrimetric method         P4       Moisture       %       12.8       IS 2720(Part - 2) : 1973 (Reaff.Immed 2007).         P5       Phenolic Compounds as CeHoOH       gm/kg       ND       IS 3025 (Part - 3) : 1973 (Reaff.2009). A         01       Chemical Oxygen Demand       gm/kg       16.0       APH4 22 <sup>rd</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         02       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         emarks:       En-Vision Environmental Services., (Testing Laboratory), Supter       Supter         in tests report shall not be reproduced except in full, without written approval of the laboratory.       Mr. Vasant Shah         Mr. Vasant Shah       (Technical Manage       Mr. Vasant Shah         Miter       End of Report       End of Report       Mr. Vasant Shah	1.120304.0001				
CODE       PARAMETERS       UNIT       RESULT       TEST METHOD         P1       pH       pH       PH Unit       7.61       IS 2720 (Part - 26) - 1987 (Reaffirmed 2007)         P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part - 16) : 1984 (Reaff.2009) Titrimetric method         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part - 23) : 1986 (Reaff.2009) Titrimetric method         P4       Moisture       %       12.8       IS 2720(Part - 2) : 1973 (Reaff.Immed 2007).         P5       Phenolic Compounds as CeHoOH       gm/kg       ND       IS 3025 (Part - 3) : 1973 (Reaff.2009). A         01       Chemical Oxygen Demand       gm/kg       16.0       APH4 22 <sup>rd</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         02       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         emarks:       En-Vision Environmental Services., (Testing Laboratory), Supter       Supter         in tests report shall not be reproduced except in full, without written approval of the laboratory.       Mr. Vasant Shah         Mr. Vasant Shah       (Technical Manage       Mr. Vasant Shah         Miter       End of Report       End of Report       Mr. Vasant Shah	CI RESU	ILT OF SAMPLE :			
P1       pH       pH Unit       7.61       IS 2720 (Part - 26) - 1987 (Reaffirmed 2007)         P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part-16): 1984 (Reaff.2006)- Gravimetric method         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part-23): 1986 (Reaff.2009)-Ttrimetric method         P4       Moisture       %       12.8       IS 2720(Part - 2): 1973 (Reaffirmed 2007).         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS 3025 (Part-43): 1992 (Reaff.2009)-A         O1       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>ed</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         O2       Biochemical Oxygen Demand for 3 days 27 <sup>e</sup> C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.2009)         En-Vision Environmental Services., (Testing Laboratory), Subte:         Ite results relate only to the items tested.       En-Vision Environmental Services., (Testing Laboratory), Subte:         Ite test report shall not be reproduced except in full, without written approval of the laboratory.       Mr. Vasant Shah (Technical Manage         Mr. Vasant Shah       Mr. Vasant Shah       Mr. Vasant Shah         Itechnical Manage       End of Report       Mr. Vasant Shah	CODE	4)	UNIT	RESULT	TEST METHOD
P2       Total Dissolved Solids (TDS)       gm/kg       16.0       IS:3025 (Part-16) : 1984 (Readf.2006)- Gravimetric method (Readf.2006)- Gravimetric method (Readf.2009) Titrimetric method         P3       Alkalinity       gm/kg       8.10       IS:3025 (Part-23) : 1986 (Readf.2009) Titrimetric method (Readf.2009) Titrimetric method         P4       Moisture       %       12.8       IS:2720(Part-2) : 1973 (Readfirmed 2007).         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS:3025 (Part-43): 1992 (Readf.2009)-A         O4       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>nd</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method (Close reflux - Titrimetric (Close reflux - Titrimetric (Close reflux -	1222204	pH	PH Unit		IS 2720 (Part - 26) - 1987
P3       Alkalinity       gm/kg       8.10       IS:3025 (Part-23): 1986 (Reaff.2009) Ttrimetric method         P4       Moisture       %       12.8       IS 2720(Part - 2): 1973 (Reaff.rmed 2007).         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS 3025 (Part - 43): 1992 (Reaff.2009)- A         O4       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>ee</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         O2       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.2009) anarks:         En-Vision Environmental Services., (Testing Laboratory), Su         ter esults relate only to the items tested.         ter sells relate o	P <sub>2</sub>	Total Dissolved Solids (TDS)		16.0	IS:3025 (Part-16) : 1984
P1       Moisture       %       12.8       IS 2720(Part - 2) : 1973 (Reaffirmed 2007).         P5       Phenolic Compounds as CeH5OH       gm/kg       ND       IS 3025 (Part - 43):1992 (Reaff.2009)- A         Q1       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>ord</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         Q2       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         emarks:       En-Vision Environmental Services., (Testing Laboratory), Su         pte:       ere results relate only to the items tested.         re test report shall not be reproduced except in full, without written approval of the laboratory.         nt No: LAB/FM/03 Revision No: 00 Date: 07.12.18       Mr. Vasant Shah (Technical Manage         End of Report       End of Report	P3	Alkalinity	gm/kg	8.10	
Ps       Phenolic Compounds as CeHsOH       gm/kg       ND       IS 3025 (Part-43):1992 (Reaff.2009)-A         O1       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>rd</sup> Edition-2012 5200 - C (Close reflux - Titrimetric method         O2       Biochemical Oxygen Demand for 3 days 27°C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.2009)-A         emarks:       En-Vision Environmental Services., (Testing Laboratory), Subtet:       Enervision Environmental Services., (Testing Laboratory), Subtet:         Ite results relate only to the items tested.       Ite test report shall not be reproduced except in full, without written approval of the laboratory.       Mr. Vasant Shah (Technical Manage         Min. Vasant Shah       Mr. Vasant Shah       Mr. Vasant Shah       Mr. Vasant Shah         End of Report       End of Report	P.	Moisture	96	12.8	
Or       Chemical Oxygen Demand       gm/kg       16.0       APHA 22 <sup>m</sup> Edition-2012 5200 - C         O2       Biochemical Oxygen Demand for 3 days 27 <sup>o</sup> C       gm/kg       6.00       IS 3025 Part-44-1993 (Reaff.200         emarks:       En-Vision Environmental Services., (Testing Laboratory), Super-         ete:       eresults relate only to the items tested.         te test report shall not be reproduced except in full, without written approval of the laboratory.         No:       LAB/FM/03 Revision No: 00 Date: 07.12.18         Mr. Vasant Shah       (Technical Manage         End of Report       End of Report	5.75		1925	10000000	(Reaffirmed 2007).
Image: Control of the second secon			-	1980-0	(Reaff.2009)- A
amarks: En-Vision Environmental Services., (Testing Laboratory), Su the results relate only to the items tested. The test report shall not be reproduced except in full, without written approval of the laboratory. AMARY AND THE AND THE ADDRESS OF THE ADDRESS	0,	Chemical Oxygen Demand	gm/kg	16.0	(Close reflux –Titrimetric method)
En-Vision Environmental Services., (Testing Laboratory), Su the results relate only to the items tested. te test report shall not be reproduced except in full, without written approval of the laboratory. IN NO: LAB/FM/03 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah (Technical Manage End of Report	O <sub>2</sub>	Biochemical Oxygen Demand for 3 days 27°C	gm/kg	6.00	IS 3025 Part-44-1993 (Reaff.2009
	The test r	eport shall not be reproduced except in full, with AB/FM/03 Revision No: 00 Date: 07.12.18	hout written	approval of t	Ner v.
	Test		Report -		
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	Tes	End of F			Page 1
	Tes	End of F			Page 1

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

## ANNEXURE-IV

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

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

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

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

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

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

<u>Gujarat</u>

## ANNEXURE-V

			(1)	-	avia a	हेतु अना			River	ज जल स और केन्द्रीय Gove	ent & Ga	त्रालय ो विकास 11 विभाग प्राधिकरण प्राधिकरण 15 hakti 15 hakti 16 Resou anga Rej	uvenation
N	O OBJE	CTION CE								RABS	TRAC	TION	
Project Name					•	lex Pvt L						K	
Project Addre	ess;			No 12	8,129	,130 An	d 175,, I			E, Village	- Jolva,	Taluka	- Palsan
Village:			Jolva				Block: Palsana						
District:			Surat				State: Gujarat						
Pin Code:								_		40			
Communicati	on Addre	SS:								road, Nr - 395017		i Dyeing	g Mills P
Address of C	GWB Re	gional Office	Centra	al Grou	und W	ater Bo	ard Wes	st Cen	tral Regi	on, Swan arat - 380	ni Naray	an Coll	ege,
1. NOC No.:		CGWA/NOC		RIG/20	021/12	2312		24	2				
2. Application		21-4/1673/0					3.	Categ (GWF	gory: RE 2017		Safe		
4. Project St	atus:	Existing Pro	ject	ect 💦					Type:	N	ew		
6. Valid from	n:	10/12/2020				0	7.	Valid	up to:	09	/12/202	23	
8. Ground W	ater Abs	traction Permi	tted:			N/L							
	Water		Saline			2		ewater				Total	
m³/day	m³/ye		/day	m	<sup>3</sup> /year		m³/day		m³/year	m	3/day	m	³/year
1381.00	50406	SIGNAR III		9									
9. Details of	grouna w	ater abstracti Total Exis	a part of the second second		y stru	ures		1		Total Pro	honor	No	
		DW	DCB	BW	TW	MP	MPu	DW			TW	MP	MPu
Abstraction	Structur		0	3	0	0	0	0	0	0	0	0	0
DW- Dug Well; D			/-Bore We	I; TW-T	ube W	ell; MP-Mi	ne Pit MP	u-Mine	Pumps				
10. Ground W	ater Abst	traction/Resto	ration C	harges	s paid	(Rs.):				4536	585.00		
11. Number of constructe		eters(Observa ored & Monito				No. of I	Piezome	eters		Monitori	ng Mec	hanism	
	(P	<u></u>							Manual	DWLR*	DWL		Telemet
**DWLR - Di	gital Water	Level Recorder					2		0	1		1	
			'his is an a	uto gen	herated		& need n	ot to be	signed.	h Road, New			

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 the 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/Nay 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 GGWA through the web prata. 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 prevaiing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / rednarge 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 guarfum 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 thereacon. 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm. 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water. 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board. 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on ments 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 Honble 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 washeres, 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. 29) 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. 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable). (Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

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

<u>Gujarat</u>

## **ANNEXURE-VI**

## **STACK MONITORING REPORTS**

LOT NC	& ADDRESS OF CUSTOMER:			Issue Da	te 21/03/2022			
IL OCK N				Report N				
ILL: JOL AL: PAL	SANA,				o. 220321_1718029_02_03			
B] DES	CRIPTION OF SAMPLING :							
	cation of Sample : STACK			ampling Platfo	and a second			
	mple Inward No: 220314_1718	029_02_033			pling port-Hole : ≈ 22 MTR.			
	me of Sampling Team : A			o.of Traveres P emperature of	Flue gas : 138 °C			
	me of Sources : STEAM BOILER	5			s Velocity : 5.81 m/sec			
06. Sta	tus of Sources : NOT SPECIFIE	D		ate of Sampling				
	pacity of Sources : 9 MW				Received : 14.03.2022			
1.1040415152	el Used in Sources : BAGASSE/	0763.5	18. Date of Analysis Start : 15.03.2022					
	urces Make by : NOT SPECIFIED ovision of APCD : ESP, ECONOM			19. Date of Analysis Completion : 15.03.2022 20. Work order Number :				
HEATER		ILLER, AIR FR	20. 4	fork order Null	ber :			
C] RES	JLT OF SAMPLE :							
CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD			
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	82.3	IS 11255 (Part-1) (R.A2014)			
S4	NO <sub>X</sub>	ppm	50	11.0	IS 11255 (Part-7) (R.A2012)			
S5	SO <sub>2</sub>	ppm	100	21.9	IS 11255 (Part-2) (R.A2014)			
lote: *Pa	articulate Matter at 11% Oz.	En-Vi	sion Enviror	mental Service	es., (Testing Laboratory), Sura			
ote: he result he test r mt No: L	s relate only to the items tested. port shall not be reproduced ex AB/FM/04 Revision No: 00 Date:	cept in full, wi						
ote: he result he test r mt No: L	s relate only to the items tested. eport shall not be reproduced ex AB/FM/04 Revision No: 00 Date:	cept in fuil, wi 07.12.18			laboratory. Mr. Vasant Shah			
ote: he result he test r mt No: L	s relate only to the items tested. eport shall not be reproduced ex AB/FM/04 Revision No: 00 Date:	cept in fuil, wi 07.12.18	thout writter		laboratory. Mr. Vasant Shah			

# Period – OCTOBER 2021 TO MARCH 2022

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

EE DURGA SYNTEX PVT.LTD D. Z & E, IO.128, 129,130 & 175, .VA,			Issue Dat	te 21/03/2022
			Report No	
SANA, 94305.			Report	<sup>5.</sup> 220321_1718029_02_034
CRIPTION OF SAMPLING :				
	020 02 024			
	029_02_034			
	HEATER			Velocity : 5.52 m/sec
tus of Sources : NOT SPECIFIE	D			
	KCAL/HR			
	)			
IVISION OF APCD : ESP		20. W	ork order Num	ber :
JLT OF SAMPLE :				
PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
Suspended Particular Matter	mg/Nm <sup>3</sup>	150	80.7	IS 11255 (Part-1) (R.A2014)
NO <sub>X</sub>	ppm	50	9.00	IS 11255 (Part-7) (R.A2012)
SO <sub>2</sub>	DDM	100	14.9	IS 11255 (Part-2) (R.A2014)
eport shall not be reproduced exi	cept in full, wi	ithout written	approval of the l	aboratory.
				Mr. Vasant Shah (Technical Manager)
	Endo	f Denert		(reclinical Hundger)
	End O	Гкероп		
	b Representative : M\S. ENES me of Sampling Team : A me of Sources : THERMICFLUID htus of Sources : NOT SPECIFIE pacity of Sources : 14 MILLION el Used in Sources : COAL urces Make by : NOT SPECIFIED ovision of APCD : ESP ULT OF SAMPLE : PARAMETERS Suspended Particular Matter NO <sub>X</sub> SO <sub>2</sub> articulate Matter at 11% O <sub>2</sub> .	Cation of Sample : STACK         mple Inward No: 220314_1718029_02_034         b Representative : M\S. ENES         me of Sampling Team : A         me of Sources : THERMICFLUID HEATER         atus of Sources : NOT SPECIFIED         pacity of Sources : 14 MILLION KCAL/HR         el Used in Sources : COAL         urces Make by : NOT SPECIFIED         povision of APCD : ESP         ULT OF SAMPLE :         PARAMETERS       UNIT         Suspended Particular Matter       mg/Nm <sup>3</sup> NOx       ppm         SO2       ppm         articulate Matter at 11% O2       En-Vi         stelate only to the items tested.       eport shall not be reproduced except in full, w         AB/FM/04 Revision No: 00 Date: 07.12.18       Sted By:	Cation of Sample : STACK       11. 52         mple Inward No: 220314_1718029_02_034       12. Lc         b Representative : M\S. ENES       13. Nu         me of Sampling Team : A       14. Tc         me of Sources : THERMICFLUID HEATER       15. Av         stus of Sources : NOT SPECIFIED       16. Do         pacity of Sources : 14 MILLION KCAL/HR       17. Do         el Used in Sources : COAL       18. Do         urces Make by : NOT SPECIFIED       19. Do         povision of APCD : ESP       20. W         ULT OF SAMPLE :          PARAMETERS       UNIT         Suspended Particular Matter       mg/Nm <sup>3</sup> NOx       ppm         SO2       ppm         articulate Matter at 11% O2       En-Vision Environ         s relate only to the items tested.       eport shall not be reproduced except in full, without written AB/FM/04 Revision No: 00 Date: 07.12.18	Cation of Sample : STACK       11. Sampling Platfor         mple Inward No: 220314_1718029_02_034       12. Location of Samplo         De Representative : M\S. ENES       13. No.of Traveres P         me of Sampling Team : A       14. Temperature of F         me of Sources : THERMICFLUID HEATER       15. Average flue Gas         atus of Sources : NOT SPECIFIED       16. Date of Sampling         pacity of Sources : COAL       18. Date of Sample R         el Used in Sources : COAL       18. Date of Analysis         pacity of APCD : ESP       20. Work order Num         ULT OF SAMPLE :           VLT OF SAMPLE :           Suspended Particular Matter       mg/Nm <sup>3</sup> 150       80.7         NO <sub>X</sub> ppm       50       9.00           SO <sub>2</sub> ppm       100       14.9         articulate Matter at 11% O <sub>2</sub> .               strate only to the items tested.               eport shall not be reproduced except in full, without written approval of the IAB/FM/04 Revision No: 00 Date: 07.12.18           Sted By:

Period – OCTOBER 2021 TO MARCH 2022

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

21/03/2022 0321_1718029_02_03 0321_1718029_03 0321_17180000000000000000000000000000000000
rt-Hole : ≈ 7.0 MTR. ed : 1.0 :: 123 °C y: 5.46 m/sec .2022 1: 14.03.2022 15.03.2022 tion : 15.03.2022 TEST METHOD 35 (Part-1) (R.A2014)
rt-Hole : ≈ 7.0 MTR. ed : 1.0 :: 123 °C y: 5.46 m/sec .2022 d : 14.03.2022 15.03.2022 tion : 15.03.2022 TEST METHOD 35 (Part-1) (R.A2014)
rt-Hole : ≈ 7.0 MTR. ed : 1.0 :: 123 °C y: 5.46 m/sec .2022 d : 14.03.2022 15.03.2022 tion : 15.03.2022 TEST METHOD 35 (Part-1) (R.A2014)
ed : 1.0 :: 123 °C :y : 5.46 m/sec .2022 1 : 14.03.2022 15.03.2022 tion : 15.03.2022 TEST METHOD 55 (Part-1) (R.A2014)
:: 123 °C :: 123 °C :: 2022 : 14.03.2022 : 14.03.2022 : 15.03.2022 : 15.03.2022
y : 5.46 m/sec .2022 1 : 14.03.2022 tion : 15.03.2022 tion : 15.03.2022 TEST METHOD 55 (Part-1) (R.A2014)
1 : 14.03.2022 15.03.2022 tion : 15.03.2022 TEST METHOD 35 (Part-1) (R.A2014)
15.03.2022 tion : 15.03.2022 TEST METHOD 55 (Part-1) (R.A2014)
tion : 15.03.2022 TEST METHOD 55 (Part-1) (R.A2014)
<b>TEST METHOD</b> 55 (Part-1) (R.A2014)
55 (Part-1) (R.A2014)
55 (Part-1) (R.A2014)
55 (Part-1) (R.A2014)
<u></u>
5 (Part-7) (R.A2012)
ABAD MARINE A LANCE AND A CARD AND AND A CARD AND AND A CARD AND A CARD AND AND A CARD AND AND AND AND AND AND AND AND AND AN
55 (Part-2) (R.A2014)
y. Wr. Vasant Shah
(Technical Manager)

# Period – OCTOBER 2021 TO MARCH 2022

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

PLOT NO	EE DURGA SYNTEX PVT.LTD			Issue Da	te 21/03/2022
AL: PAL				Report N	
	SANA,				o. 220321_1718029_02_036
0.925	CRIPTION OF SAMPLING :				
	cation of Sample : STACK mple Inward No: 220314 1718	029 02 036	1.01 (200 (11) 189 )	ampling Platfor	rm : YES pling port-Hole : ≈ 14 MTR.
	b Representative : M\S. ENES				Point Used : 1.0
	me of Sampling Team : A			• ••• ••	Flue gas : 122 °C
	me of Sources : THERMIC FLUID		1.55.57.52.57	-	s Velocity : 5.49 m/sec
	atus of Sources : NOT SPECIFIE pacity of Sources : 200 U NOS.		1.1.5.1.5.5.5.5.5.5	ate of Sampling	g: 14.03.2022 Received: 14.03.2022
	el Used in Sources : NATURAL (				Start : 15.03.2022
09. So	urces Make by : NOT SPECIFIED	0	100000000000000000000000000000000000000		Completion : 15.03.2022
10. Pr	ovision of APCD : NA		20. W	ork order Num	iber :
C] RES	ULT OF SAMPLE :				
CODE	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	10.2	IS 11255 (Part-1) (R.A2014)
S <sub>4</sub>	NO <sub>X</sub>	ppm	50	1.40	IS 11255 (Part-7) (R.A2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	1.10	IS 11255 (Part-2) (R.A2014)
ne test i	is relate only to the items tested. eport shall not be reproduced ext .AB/FM/04 Revision No: 00 Date:	cept in full, wi	thout written	approval of the	Nor
()	sted By:				Mr. Vasant Shah (Technical Manager)
L.	Acci by.				(reclined Hanager)
Te		- End of	Report —		
Te					

# Period – OCTOBER 2021 TO MARCH 2022

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

PLOT N BLOCK VILL: JC TAL: PA	REE DURGA SYNTEX PVT.LTD O. Z & E, NO.128, 129,130 & 175, N VA			Issue Date	21/03/2022
VILL: JO TAL: PA				Report No	
	LSANA, 394305.				120021_1110020_02_02_00
[B] DE:	SCRIPTION OF SAMPLING :				
	ocation of Sample : STACK ample Inward No: 220314 1718	8020 02 037		ampling Platform	n : YES ling port-Hole : ≈ 14 MTR.
	b Representative : M\S. ENES			o.of Traveres Po	
1111111111111	ame of Sampling Team : A		14. Te	emperature of F	lue gas : 132 °C
05. N	ame of Sources : THERMIC FLUI	D HEATER	15. Av	/erage flue Gas	Velocity: 5.62 m/sec
	atus of Sources : NOT SPECIFIE			ate of Sampling	
	apacity of Sources : 10000 U NO ael Used in Sources : NATURAL				eceived : 14.03.2022 Start : 15.03.2022
12220122	ources Make by : NOT SPECIFIEI		0.000-0.5		Completion : 15.03.2022
	rovision of APCD : NA			ork order Numb	
[C] RE	ULT OF SAMPLE :				PARTING
COD	PARAMETERS	UNIT	LIMIT	RESULTS	TEST METHOD
S <sub>3</sub>	Suspended Particular Matter	mg/Nm <sup>3</sup>	150	11.1	IS 11255 (Part-1) (R.A2014)
S4	NOx	ppm	50	1.50	IS 11255 (Part-7) (R.A2012)
S <sub>5</sub>	SO <sub>2</sub>	ppm	100	1.00	IS 11255 (Part-2) (R.A2014)
		En-Vis	sion Environ	mental Services	., (Testing Laboratory), Surat
he resu he test	Its relate only to the items tested report shall not be reproduced ex LAB/FM/04 Revision No: 00 Date:	cept in full, wi	thout written	approval of the la	
The result The test Fint No:	report shall not be reproduced ex	cept in full, wi	thout written	approval of the la	Mr. Vasant Shah (Technical Manager)
The test Fmt No:	report shall not be reproduced ex LAB/FM/04 Revision No: 00 Date:	ccept in full, wi : 07.12.18	thout written	approval of the la	Mr. Vasant Shah

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

M/S.SH	E & ADDRESS OF CUSTO				Issue Dat	e 21/03/2022
	REE DURGA SYNTEX PVT O. Z & E, NO.128, 129,130 & 175,	LID			Report No	0. 220321 1718029 01 03
termination and an international	mple Inward No : 220314	and and only of some distance in the local d	01_030	the second s	Contraction of the second s	pling : 8.0 HOURS
	cation of Sampler : NEAR me of Sampling Team: A	of the strategy as the second second second		and the second second second		Received : 14.03.2022 Start : 14.03.2022
	te of Sampling : 14.03.20					Completion : 15.03.2022
(C) 866	ULT OF SAMPLE :					
CODE	PARAMETERS	UNIT	LI	ALT	RESULTS	TEST METHOD
CODE	FARAMETERS	ONIT	8.0 Hour	24 Hour	RESOLIS	TEST METHOD
A <sub>2</sub>	PM <sub>10</sub>	µg/m³	100	-	69.4	IS 5182 (Part-23) 2009 Gravimetric method
A <sub>3</sub>	PM <sub>2.5</sub>	µg/m³	60	**	36.8	Lab SOP-STP-A <sub>2</sub> based on CPCE guideline, 2011 & Instrument Manual
A <sub>4</sub>	NOx	hð/w <sub>3</sub>	80	-	14.4	IS 5182 (Part-6) (R.A2012)
As	SO <sub>2</sub>	µg/m <sup>3</sup>	80		10.7	IS 5182 (Part-2) (R.A2012)
The test	Its relate only to the items report shall not be reprodu LAB/FM/07 Revision No: 0	iced except i		ut written ap	oproval of the	laboratory.
Te	sted By:					Mr. Vasant Shah (Technical Manager)
Te	Sted By:		F			
Te	sted By:		End of Re	port —		

# Period – OCTOBER 2021 TO MARCH 2022

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

Wissinke Dukas Syntex PV1.LID         PLOT NO. 2 & E.,         BLOCK NO.128, 129,130 & 175,         ALL: JOLXA,         ALL: JOLXA,         BLOEK NO.128, 129,130 & 175,         JLL: JOLXA,         SURAT-394305.         B] DESCRIPTION OF SAMPLING :         O1. Sample Inward No : 220314_1718029_01_031       O5. Duration of Sampling : 8.0 HOURS         O2. Location of Sampler : NEAR ETP       O6. Date of Sample Received : 14.03.2022         O3. Name of Sampling Team: A       O7. Date of Analysis Start : 14.03.2022         O4. Date of Sampling : 14.03.2022       O8. Date of Analysis Completion : 15.03.2022         CODE       PARAMETERS       UNIT       LIMIT       RESULTS       TEST METHOD         A2       PM10       µg/m³       60        34.2       Lab SOP-STP-A <sub>2</sub> based on CPCB         Quideline, 2011 & Instrument       Manual       A4       NO <sub>X</sub> µg/m³       80        14.7       IS 5182 (Part-2) (R.A2012)         A3       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks :       Environmental Services, (Testing Laboratory), Surat	M/S.SHE		OMER:			Issue Dat	e 21/03/2022
SIDUL VIO, 126, 129, 130 & 175, TAL: PALSANA, SURAT-394305.         B] DESCRIPTION OF SAMPLING :         01. Sample Inward No : 220314_1718029_01_031       05. Duration of Sampling : 8.0 HOURS         02. Location of Sampler : NEAR ETP       06. Date of Sample Received : 14.03.2022         03. Name of Sampling Team: A       07. Date of Analysis Start : 14.03.2022         04. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 15.03.2022         03. Rame of Sampling : 14.03.2022       08. Date of Analysis Start : 14.03.2022         04. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 15.03.2022         05. RESULT OF SAMPLE :       CODE         CODE       PARAMETERS         UNIT       LIMIT         A2       PM10         A3       PM25         µg/m <sup>3</sup> 60          34.2         Quideline, 2011 & Instrument Manual         A4       NOx         A4       NOx         µg/m <sup>3</sup> 80          Invironmental Condition : Clear Sky.         En-Vision Environmental Services, (Testing Laboratory), Surat         Iote:         The results relate only to the items tested.         The results relate only to the items tested.         The results relate only to the items tested. </td <td></td> <td>O. Z &amp; E,</td> <td>r.ltd</td> <td></td> <td></td> <td></td> <td></td>		O. Z & E,	r.ltd				
O2. Location of Sampler : NEAR ETP         O6. Date of Sample Received : 14.03.2022           O3. Name of Sampling Team: A         O7. Date of Analysis Start : 14.03.2022           O4. Date of Sampling : 14.03.2022         O8. Date of Analysis Completion : 15.03.2022           O3. Pate of Sampling : 14.03.2022         O8. Date of Analysis Completion : 15.03.2022           C) RESULT OF SAMPLE :         Environmental Completion : 15.03.2022           CODE         PARAMETERS         UNIT         LIMIT         RESULTS         TEST METHOD           A2         PM10         µg/m³         100         -         65.3         15 5182 (Part-23) 2009           Gravimetric method         A3         PM2.5         µg/m³         60         -         34.2         Lib SOP-STP-A, based on CPCB           Guideline, 2011 & Instrument         Manual         Manual         Manual         Manual         Manual           A4         NOx         µg/m³         80         -         9.90         IS 5182 (Part-2) (R.A2012)           emarks :         Environmental Condition : Clear Sky.         En-Vision Environmental Services, (Testing Laboratory), Surat           More:         The results relate only to the items tested.         Manual         Mark approval of the laboratory.           Mr. Vasant Shah         Mr. Vasant Shah         Mr. Vasant Shah<	fal: Pa Surat-	LSANA, 394305.					
03. Name of Sampling Team: A         07. Date of Analysis Start : 14.03.2022           04. Date of Sampling : 14.03.2022         08. Date of Analysis Completion : 15.03.2022           COP         PARAMETERS         UNIT         LIMIT         RESULTS         TEST METHOD           A2         PM10         µg/m³         100          65.3         IS 5182 (Part-23) 2009 Gravimetric method           A3         PM2.5         µg/m³         60          34.2         Genetic method           A4         NOx         µg/m³         80          14.7         IS 5182 (Part-2) (R.A2012)           A5         SO2         µg/m³         80          9.90         IS 5182 (Part-2) (R.A2012)           emarks : Environmental Condition : Clear Sky.         En-Vision Environmental Services, (Testing Laboratory), Surat           Kote: 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. Tim No: LAB/FM/07 Revision No: 00 Date: 07.12.18         Mr. Vasant Shah (Technical Manager)				01_031			
04. Date of Sampling : 14.03.2022       08. Date of Analysis Completion : 15.03.2022         C] RESULT OF SAMPLE :       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			A LOOP LA				
CODE       PARAMETERS       UNIT       LIMIT       RESULTS       TEST METHOD         A2       PM10       µg/m³       100        65.3       IS 5182 (Part-23) 2009         A3       PM2.5       µg/m³       60        34.2       Lab SOP-STP-A2 based on CPCB         Quideline, 2011 & Instrument       Manual       A4       NOx       µg/m³       80        14.7       IS 5182 (Part-2) (R.A2012)         A5       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks :       Environmental Condition : Clear Sky.       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 results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate by:       Mr. Vasant Shah (Techn	STORE AND	• •			-		
CODE       PARAMETERS       UNIT       LIMIT       RESULTS       TEST METHOD         A2       PM10       µg/m³       100        65.3       IS 5182 (Part-23) 2009         A3       PM2.5       µg/m³       60        34.2       Lab SOP-STP-A2 based on CPCB         Quideline, 2011 & Instrument       Manual       A4       NOx       µg/m³       80        14.7       IS 5182 (Part-2) (R.A2012)         A5       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks :       Environmental Condition : Clear Sky.       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 results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate only to the items tested.       The results relate only to the items tested.         The results relate by:       Mr. Vasant Shah (Techn	CI RES	ULT OF SAMPLE :					
A2 $PM_{10}$ $\mu g/m^3$ $100$ $65.3$ IS 5182 (Part-23) 2009         A3 $PM_{2.5}$ $\mu g/m^3$ $60$ $34.2$ Lab SOP-STP-A, based on CPCB         A4 $NO_X$ $\mu g/m^3$ $80$ $14.7$ IS 5182 (Part-6) (R.A2012)         A5       SO2 $\mu g/m^3$ $80$ $9.90$ IS 5182 (Part-2) (R.A2012)         emarks :       Environmental Condition : Clear Sky.       En-Vision Environmental Services, (Testing Laboratory), Surat         lote:       he results relate only to the items tested.       he test report shall not be reproduced except in full, without written approval of the laboratory.         int No: LAB/FM/07 Revision No: 00 Date: 07.12.18       Mr. Vasant Shah (Technical Manager)	CODE	PARAMETERS	UNIT	LIM	т	RESULTS	TEST METHOD
A3       PM25       µg/m³       60        34.2       Gravimetric method         A4       NOx       µg/m³       60        34.2       guideline, 2011 & Instrument Manual         A4       NOx       µg/m³       80        14.7       IS 5182 (Part-6) (R.A2012)         A5       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks : 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. Tested By:       Mr. Vasant Shah (Technical Manager)				8.0 Hour	24 Hour		
A1       NOx       µg/m³       80        14.7       IS 5182 (Part-6) (R.A2012)         A5       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks : 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. Tested By:         Mr. Vasant Shah (Technical Manager)	207	Control St.	107000		*	65.3	Gravimetric method
As       SO2       µg/m³       80        9.90       IS 5182 (Part-2) (R.A2012)         emarks : 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. Tested By:       Mr. Vasant Shah (Technical Manager)	A <sub>3</sub>	PM <sub>2.5</sub>	µg/m°	60	-	34.2	guideline, 2011 & Instrument
emarks : 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. The LAB/FM/07 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah (Technical Manager)	<b>A</b> 4	NOx	µg/m³	80		14.7	
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. The No: LAB/FM/07 Revision No: 00 Date: 07.12.18 Mr. Vasant Shah (Technical Manager)	A <sub>5</sub>	SO <sub>2</sub>	µg/m <sup>3</sup>	80		9.90	IS 5182 (Part-2) (R.A2012)
End of Report	The test Fmt No:	report shall not be reprodu LAB/FM/07 Revision No: 0	uced except		t written ap	proval of the	Mr. Vasant Shah
				End of Per	ort		
				Life of Kep	on		

# Period – OCTOBER 2021 TO MARCH 2022

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

M/S.SHR	& ADDRESS OF CUSTO			TEST REP	Issue Dat	te 21/03/2022
PLOT NO	EE DURGA SYNTEX PVT ). Z & E, IO.128, 129,130 & 175,	.LTD			Report N	
VILL: JOL TAL: PAL SURAT-3	SANA,					
01. Sam	ple Inward No : 220314	_1718029_	01_032	05. Dur	ation of Sam	pling: 8.0 HOURS
	ation of Sampler : ON TH	The second s	JILDING			Received : 14.03.2022
	ne of Sampling Team: A e of Sampling : 14.03.20					s Start : 14.03.2022 s Completion : 15.03.2022
[C] RESU	JLT OF SAMPLE :					
CODE	PARAMETERS	UNIT	LIN		RESULTS	TEST METHOD
	-		8.0 Hour	24 Hour		
A <sub>2</sub>	PM10	µg/m <sup>3</sup>	100		62.1	IS 5182 (Part-23) 2009 Gravimetric method
A <sub>3</sub>	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	-	36.2	Lab SOP-STP-A2 based on CPC guideline, 2011 & Instrument Manual
A4	NOx	µg/m³	80		13.9	IS 5182 (Part-6) (R.A2012)
A <sub>5</sub>	SO <sub>2</sub>	µg/m <sup>3</sup>	80	-	8.40	IS 5182 (Part-2) (R.A2012)
The test r	s relate only to the items eport shall not be reprodu AB/FM/07 Revision No: 00	iced except i		ut written ap	oproval of the	laboratory. Mr. Vasant Shah
Tes	ted By:					(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 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat., Gujarat

## **ANNEXURE-VIII**

## **HAZARDOUS WASTE GENERATION IN LAST SIX MONTHS**

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

## HAZARDOUS WASTE DISPOSAL IN LAST SIX MONTHS

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

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

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

ANNEXURE-IX

## MEMBERSHIP CERTIFICATE WITH TSDF

SR.NO.856	16.03.2012
TO WHOM	A SOEVER IT MAY CONCERN
THIS IS TO CERTIFY THAT	VS.SHREE DURGA SYNTAX PVT.LTD.,BLOCK
	E,TALUKA,PALSANA,ZOLVA,SURAT IS OUR
VALID MEMBER OF COMMON HA DEVELOPED BY NANDESARI NO.519/P,GIDC,NANDESARI,DIST	ENVIRONMENT CONTROL LTD. AT SURVEY
ANNUAL COMMITTED QUANTITY	IS: 15.000 MT/ANNUM
SO FAR WE HAVE NOT RECEIVED	ANY WASTE
FOR & ON BEHALF OF :	
NANDESARI ENVIRONMENT	CONTROL LTD.
CHAIRMAN	
	For Shree Durga Syntak Pat. Ltd

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 : PH : 6.5 - 8.5 08.05.2027 Valid Upto : Temperature : GPCB ID No. : 40" C 21289 COD : 1000 Mg/Ltr CTE No. : 21 400 Mg/Ltr BOD : AWH-86533 CCA No. : 300 Mg/Ltr 03.07.2022 SS : 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 .

Chairman

1) Industry shall not internally trade its chamber / Trade effluent with other industry without prior permission of the CETP & GPCB. 2) The Unit shall abide by the terms and conditions as specified in the agreement between member unit and PEPL

- 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 – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex Pvt Ltd at Plot no.: E & Z, block no. 128, 129, 130 & 175, Village: Jolva, Taluka: Palsana, Dist: Surat.,

<u>Gujarat</u>

A] NAME & ADDRESS OF CUS	NOISE MEASURE	MENT REPORT	
WS.SHREE DURGA SYNTEX F		Issue Date	21/03/2022
PLOT NO. Z & E, SLOCK NO. 128, 129, 130 & 175, /ILL: JOLVA, TAL: PALSANA, SURAT-394305.		Report No.	220321_1718029_06A_04
B] DESCRIPTION OF SAMPL	ING :		
01. Sample Inward No : 220	315_1718029_06A_042		Sampling : 24.0 HRS.
02. No of Location : 01 03. Name of Sampling Team	• 4		nple Received : 15.03.2022 alysis Start : 15.03.2022
04. Date of Sampling : 14.03			alysis Completion : 15.03.2022
09. Name of Location : ADMI			
10. Test Method : STP No.: Meter with Data Logger. C] RESULT OF SAMPLE :	140, 15806 140.01 & Date.01.04.2	ora, (based on instructio	n manualy osling holse level
Code	Unit	Time	Results
N1	db(A)	6:00	62.2
N2	db(A)	7:00	63.1
N3	db(A)	8:00	63.8
N4	db(A)	9:00	60.7
N5	db(A)	10:00	62.6
N6	db(A)	11:00	59.8
N7	db(A)	12:00	61.4
N8	db(A)	13:00	62.7
N9	db(A)	14:00	63.9
N10	db(A)	15:00	64.6
N11	db(A)	16:00	61.4
N12	db(A)	17:00	60.8
N13	db(A)	18:00	58,9
N14	db(A)	19:00	59.4
N15	db(A)	20:00	58.1
N16	db(A)	21:00	58.3
lote : lote: he results relate only to the iter he test report shall not be repro- mt No: LAB/FM/08 Revision No:	ns tested. oduced except in full, without w		esting Laboratory), Surat
Tested By:		- 61	Mr. Vasant Shah (Technical Manager)
	End of Repo	ert	n
			Page 1 o
			BS
			150

ANNEXURE-X

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.,

	NOISE MEASU	REMENT REPORT	
A] NAME & ADDRESS OF C			
M/S.SHREE DURGA SYNTE) PLOT NO. Z & E,		Issue Date	21/03/2022
BLOCK NO.128, 129,130 & 17 /ILL: JOLVA,	75,	Report No.	220321_1718029_06A_042
AL: PALSANA, SURAT-394305.			
B] DESCRIPTION OF SAME	PLING :		
01. Sample Inward No : 2	20315_1718029_06A_042		of Sampling : 24.0 HRS.
02. No of Location : 01 03. Name of Sampling Tea	am: A		mple Received : 15.03.2022 alysis Start : 15.03.2022
04. Date of Sampling : 14.			alysis Completion : 15.03.2022
09. Name of Location : AD			
	lo.: No, Issue No.01 & Date:01.0	04.2014, (Based on Instruction	on manual) Using noise level
Meter with Data Logger.			
C] RESULT OF SAMPLE :			
Code N17	Unit db(A)	22:00	57.3
N17	db(A)	23:00	57.6
N18	db(A)	00:00	56.2
N20		1:00	55.6
N20	db(A) db(A)	2:00	55.2
N21 N22	db(A) db(A)	3:00	55.2
N23	db(A)	4:00	55.3
N24	db(A)	5:00	55.9
ote : ote: he results relate only to the i he test report shall not be re mt No: LAB/FM/08 Revision f	items tested. produced except in full, withou		boratory.
Tested By:			Mr. Vasant Shah (Technical Manager)
	End of Re	eport	
			Page 2 of
			ISS BET

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 OF CUS		Jacua Data	24/02/2022		
M/S.SHREE DURGA SYNTEX P PLOT NO. Z & E,	I.LID	Issue Date	21/03/2022 220321 1718029 06A 04		
8LOCK NO. 128, 129, 130 & 175, /ILL: JOLVA, TAL: PALSANA, SURAT-394305.		Report No.			
B] DESCRIPTION OF SAMPLI 01. Sample Inward No : 2203		05. Duration of	of Sampling : 24.0 HRS.		
02. No of Location : 01		06. Date of Sa	mple Received : 16.03.2022		
03. Name of Sampling Team:			alysis Start : 16.03.2022		
04. Date of Sampling : 15.03. 09. Name of Location : BOILE		08. Date of Analysis Completion : 16.03.202			
10. Test Method : STP No.: Meter with Data Logger. C] RESULT OF SAMPLE :	No, ISSUE NO.UT & Date:01.04.2	ore, (based on Instructi	on manuar) Using noise level		
Code	Unit	Time	Results		
N1	db(A)	6:00	74.8		
N2	db(A)	7:00	74.6		
N3	db(A)	8:00	74.4		
N4	db(A)	9:00	74.3		
N5	db(A)	10:00	74.5		
N6	db(A)	11:00	73.8		
N7	db(A)	12:00	74.2		
N8	db(A)	13:00	74.1		
N9	db(A)	14:00	73.8		
N10	db(A)	15:00	74.3		
N11	db(A)	16:00	74.7		
N12	db(A)	17:00	74.4		
N13	db(A)	18:00	74.6		
N14	db(A)	19:00	73.9		
N15 N16	db(A) db(A)	20:00 21:00	73.6		
N16			esting Laboratory), Surat		
ote: he results relate only to the item he test report shall not be repro mt No: LAB/FM/08 Revision No:	s tested. duced except in full, without w		2		
Tested By:			Mr. Vasant Shah (Technical Manager)		
	End of Repo	ort			

# 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.,

AJ NAME & ADDRESS OF C W/S.SHREE DURGA SYNTE PLOT NO. Z & E, SLOCK NO. 128, 129,130 & 1 /ILL: JOLVA, FAL: PALSANA, SURAT-394305	X PVT.LTD	Issue Date Report No.	21/03/2022
BLOCK NO.128, 129,130 & 1 /ILL: JOLVA, FAL: PALSANA,	75,	Report No.	
			220321_1718029_06A_043
B] DESCRIPTION OF SAM 01. Sample Inward No : 2		05. Duration	of Sampling : 24.0 HRS.
02. No of Location : 01		06. Date of 9	Sample Received : 16.03.2022
03. Name of Sampling Te			Analysis Start : 16.03.2022
04. Date of Sampling : 15 09. Name of Location : BC		08. Date of A	Analysis Completion : 16.03.202
Meter with Data Logger. C] RESULT OF SAMPLE :		1	
Code N17	Unit db(A)	22:00	74.1
N18	db(A)	23:00	74.0
N19	db(A)	00:00	73.5
N20	db(A)	1:00	74.3
N21	db(A)	2:00	74.3
N22	db(A)	3:00	73.4
N23	db(A)	4:00	74.6
N24	db(A)	5:00	74.2
mt No: LAB/FM/08 Revision	items tested. produced except in full, withou		Mr. Vasant Shah
Tested By:			(Technical Manager)
	End of R	eport	

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

# Period – OCTOBER 2021 TO MARCH 2022

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

A] NAME & ADDRESS OF CUS	TOMER:	1	sectors. Press, Contract Contract Sectors
W/S.SHREE DURGA SYNTEX P PLOT NO. Z & E,	VT.LTD	Issue Date	21/03/2022
BLOCK NO.128, 129,130 & 175, /ILL: JOLVA, TAL: PALSANA, SURAT-394305.		Report No.	220321_1718029_06A_044
B] DESCRIPTION OF SAMPLI	NG :		
01. Sample Inward No : 2203	317_1718029_06A_044		of Sampling : 24.0 HRS.
02. No of Location : 01 03. Name of Sampling Team	• A		ample Received : 17.03.2022 nalysis Start : 17.03.2022
04. Date of Sampling : 16.03.			nalysis Completion : 17.03.202
10. Test Method : STP No.: Meter with Data Logger. C] RESULT OF SAMPLE :	N <sub>0</sub> , issue No.01 & Date.01.0	14.2014, (Based on Instruct	ion manual) Using noise level
Code	Unit	Time	Results
N1	db(A)	6:00	66.8
N2	db(A)	7:00	67.9
N3	db(A)	8:00	69.1
N4	db(A)	9:00	68.4
N5	db(A)	10:00	69.2
N6	db(A)	11:00	67.0
N7	db(A)	12:00	66.8
N8 N9	db(A) db(A)	14:00	67.3
N10	db(A)	15:00	67.1
N11	db(A)	16:00	68.2
N12	db(A)	17:00	68.7
N13	db(A)	18:00	68.0
N14	db(A)	19:00	67.8
N15	db(A)	20:00	68.1
N16	db(A)	21:00	68.4
lote : he results relate only to the iter he test report shall not be repro mt No: LAB/FM/08 Revision No: Tested By:	ns tested. duced except in full, without	-	Testing Laboratory), Surat Iboratory. Mr. Vasant Shah (Technical Manager)
	End of Re	eport	Page 1 c

# 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.,

	NOISE MEASU	REMENT REPORT	
A] NAME & ADDRESS OF CU M/S.SHREE DURGA SYNTEX		Issue Date	21/03/2022
PLOT NO. Z & E, BLOCK NO.128, 129,130 & 175 VILL: JOLVA,	5,	Report No.	220321_1718029_06A_044
TAL: PALSANA, SURAT-394305			
B] DESCRIPTION OF SAMPL 01. Sample Inward No : 220		05. Duration	of Sampling : 24.0 HRS.
02. No of Location : 01		06. Date of S	ample Received : 17.03.2022
03. Name of Sampling Team 04. Date of Sampling : 16.0	A REAL PROPERTY.		nalysis Start : 17.03.2022
04. Date of Sampling : 16.0. 09. Name of Location : MAIN		08. Date of A	nalysis Completion : 17.03.202
Code N17	Unit db(A)	<b>Time</b> 22:00	Results 68.4
N18	db(A)	23:00	68.0
N19	db(A)	00:00	67.6
N20	db(A)	1:00	67.8
N21	db(A)	2:00	67.3
N22	db(A)	3:00	67.9
N23	db(A)	4:00	67.2
N24	db(A)	5:00	67.4
lote: he results relate only to the ite he test report shall not be report mt No: LAB/FM/08 Revision No Composition Tested By:	ems tested. roduced except in full, withou		Testing Laboratory), Surat Iboratory. Mr. Vasant Shah (Technical Manager)
	End of R	aport	(reannes: rising)
	End of R	port	

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.,

] NAME & ADDRESS OF CUS (S.SHREE DURGA SYNTEX F LOT NO. Z & E, LOCK NO.128, 129,130 & 175, LL: JOLVA, TAL: PALSANA,		Issue Date	04/00/0000		
OCK NO.128, 129,130 & 175,			21/03/2022		
JRAT-394305.		Report No.	Report No. 220321_1718029_06A_045		
] DESCRIPTION OF SAMPL	ING :				
1. Sample Inward No : 220	318_1718029_06A_045		of Sampling : 24.0 HRS.		
2. No of Location : 01 3. Name of Sampling Team	• 4		ample Received : 18.03.2022 nalysis Start : 18.03.2022		
4. Date of Sampling : 17.03	country of the second se		nalysis Completion : 18.03.2022		
9. Name of Location : PLAN					
Neter with Data Logger. ] RESULT OF SAMPLE :					
Code N1	Unit	<b>Time</b> 6:00	Results 68.4		
N1 N2	db(A) db(A)	7:00	67.1		
N3	db(A)	8:00	68.0		
N4	db(A)	9:00	67.6		
N5	db(A)	10:00	69.4		
N6	db(A)	11:00	68.8		
N7	db(A)	12:00	67.1		
N8	db(A)	13:00	65.8		
N9	db(A)	14:00	67.2		
N10	db(A)	15:00	68.1		
N11	db(A)	16:00	67.9		
N12	db(A)	17:00	67.7		
N13	db(A)	18:00	67.4		
N14	db(A)	19:00	67.9		
N15	db(A)	20:00	68.1		
N16	db(A)	21:00	68.7		
te : te: e results relate only to the iter e test report shall not be repr it No: LAB/FM/08 Revision No	ms tested. oduced except in full, without		Mr. Vasant Shah		
Tested By:			(Technical Manager)		
	End of Re	port			

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

# Period - OCTOBER 2021 TO MARCH 2022

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

A] NAME & ADDRESS OF CL //S.SHREE DURGA SYNTEX		Issue Date	21/03/2022
PLOT NO. Z & E, 3LOCK NO. 128, 129, 130 & 17		Report No.	220321_1718029_06A_045
/ILL: JOLVA, 'AL: PALSANA, SURAT-394305.			
B] DESCRIPTION OF SAMP	LING :		
01. Sample Inward No : 22 02. No of Location : 01	0318_1718029_06A_045		of Sampling : 24.0 HRS.
03. Name of Sampling Tear	m: A		Sample Received : 18.03.2022 Analysis Start : 18.03.2022
04. Date of Sampling : 17.0			Analysis Completion : 18.03.2022
Meter with Data Logger.  C] RESULT OF SAMPLE :	11-14	1	<b>D</b>
Code N17	Unit db(A)	22:00	Results 66.8
N18	db(A)	23:00	67.1
N19	db(A)	00:00	67.6
N20	db(A)	1:00	67.8
N21	db(A)	2:00	68.2
N22	db(A)	3:00	67.6
N23	db(A)	4:00	67.4
N24	db(A)	5:00	67.1
ote: he results relate only to the it he test report shall not be rep mt No: LAB/FM/08 Revision N	ems tested. iroduced except in full, withou		(Testing Laboratory), Surat aboratory. Mr. Vasant Shah
Tested By:	End of R	enort	(Technical Manager)
		eport	

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)

								ATED STAL	1
		POLICY SCH					) INSURANC	Æ	
la sura dia biana	2 12	SHREE DURG			AN190P0078	100001			
Insured's Name		nsured's Detail	the set of	VI.LIU.		le	ssuing Office D	etails	
Customer ID Address	:	PO55693549 BLOCK NO. 1 NO. Z & E, S. VILLAGE: JO SURAT.	28/129/130 & 1 N. NO. 113/1, 1 LVA, TAL: PAL	175, PLOT 120 & 120/1, SANA,	Office Code Address		· 15T EL OOL	ICH B.O-I (2301 R, CENTER POI IWALA HIGH SO D, SURAT,3950	NT
		00000000000000	GUJARAT, 394	305					
Phone No E-mail/Fax	:	XXXXXX6683 digupta03@gr			Phone No E-mail/Fax			36 / 0261246473 @newindia.co.in 21	
PAN No		AABCD8894F	-		S.Tax Regn.		026124639 : AAACN416		
GSTIN/UIN	:	24AABCD889			GSTIN		: 24AAACN4	165C2ZW	
	;				SAC		: 997139 (Ot excl RI)	her non-life insu	rance services
	î			Policy	Details			0.4	
Policy Number Period of Insur		23010136210 From: 01/02/2 31/01/2023 11	022 12:00:01 /	AM To:	Dev.Off. level/Broker/C Agent/Web Aggregator/C	Corp.	DIRECT I	BUSINESS - (10	04317076)
Date of Propos		01-Feb-22			Agent/Bancas pecified Pers	surance/S	KHATRI (N JAGDISHK	SHKUMAR, KHII IAAG00078169) UMAR, KHATRI	
Prev. Policy no Client Type	), î	23010136200 Corporate	600000007		Phone No E-mail/Fax		: 906769067 ; er.jagdish.k	4 / NA hatri@gmail.cor	n, //
Premiur 10939 Details of ris	8	GST(र) 19692 under current		Total(र)	RUPEES	Total (₹ in ONE LAC T JSAND NINE	WENTY-NINE	230101812 2 - 31	No. & Date 1000002222 1/01/22
Retroactive	Jurisdicti	on AOA	AOA:A	OY A	OY Dec	luctible	India	Deductibles Worldwide	Worldwide
Date	,				(Am cent	Type ount/Per tage/Am unt & centage)		excluding USA & Canada	including USA & Canada
01/02/2018	India	500000	00 1:1	5000		AMT	250000	0	900
Retroactive I	Dates							Deductible	A REAL PROPERTY OF
Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductibl Type (Amount/f rcentage/ mount & Percentage/	Pe	Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROAC TIVE DATE	01/02/201 8	India	50000000	1:1	50000000	AMT	250000	0	0
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Signature val Digitally sin of by SPINU SAN VAN SINU SAN VAN SINU SAN VAN SINU SAN VAN SINU SAN SISTEMAT			Assurance Bid	9.1 07 10.0.10					

Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Synte	<u>x</u>
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 As Per Policy Deductible 0 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 nota Assurance Company Limited Date of Issue: 31/01/2022 日間 ey(s) 9 . ne #1 Stamp Duty under the Policy is ₹1/-. SURA SA THE 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 – OCTOBER 2021 TO MARCH 2022 Details – Supervised Science Supervised Reports COPPLY M (c. Schward Diversity)

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)						
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	*						
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						Page 3 of 3	

## COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018 Period – OCTOBER 2021 TO MARCH 2022 Project Details - Expansion of Manmade Fiber manufacturing plant&CPPBy M/s. Shree Durga Syntex

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

## ANNEXURE- XII

## **CSR ACTIVITY**

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

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

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 INTERMATIONAL LIMITED, S71 some	Chief Go shwar Enclave Sonics	meral Manag avar squato W	apu Surat	Greater Noida
PUBLIC 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 Pvt No.128, 129, 130 & 175, Vill. Jolwa," Durga Syntex Pvt. 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-	state level en accorded Enviro (d) & 1(d)/1346/ xpansion project t. Ltd." at Plot. Ta. Palsana, Dist. ication dated 144 be seen at web uthority at http:// Populion Control	2018, datu of Manmak No.: E & Z Surat by Mi h Septemb site of Sta sejaa.guja	ed 14th de Fibre 7, Block. /s. Shree per 2006. ite Level rat gov.in	Amul Milk MER
Surat Date:24/12/2018	Shree Durga	For, Syntex I	Pvt. Ltd.	
Miled, under Securitisation And Reconstru red under Securitisation And Reconstru red under Securitisation And Reconstru red under Section 13(12) read with Rule 9 d Act, eatling upon the following borrower/s blactbe rates as mentioned in the said not in the date of payment and/or realization.	ction of Financial A of the Security Inter s to pay the amount ices within 60 days	e mentioned	against their of receipt of DATE OF	
T NO.904, 9" FLOOR, BUILDING NO.L.	DEMANDED* (Rs.) Rs.39,03,415.41	09-2-2018	POSSESSION 20-12-2018	PUBLIC NO
CUSE, VANKALA, CHORYASI, SURAI NGALOW NO. D/09, SHIVAM BUNGALOW, KMIVILLA TOWNSHIP, SACHIN, GIDC LUSING ZONE, TALANGPUR CHORYASI,	Rs.37,28,177.70	15-11-201	20-12-2018	It is hereby infor Assessment Auth Gandhinagar-382 Setting up Expans
AT able, incidental expenses, costs, charges etc.s log to repay the Amounts due, Notice is hereby LICE Housing Finance Limited have taken Posse and the said Act read with rule 9 of the Security the mortgage of LICE Housing Finance Limited for the mortgage of LICE Housing Finance Limited for the mortgage of LICE Housing Finance Limited for LICE Shows the said security of the Security LICE Shows the said security of the Security of the Security the mortgage of LICE Housing Finance Limited for LICE Shows the said security of the	sision of properties/So Interest (Enforcement with the aforesaid prop or the amount as ment	cured Assets ) Rules on the enties/Secure lioned iversin a Authoritze	datas mentioned d Assets and any bove.	dated 01/11/2010
221.	ts:			

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 Pat to second their duties cheat the second their duties cheat the source of the second the se 2 ગાયરા રાગલાર (સુરત આવૃતિ) ૧૩ ામાખ ઉદ્ધવ પઢરપુર, તા. ૨૪ ગઢબંધનનો ભાગ હોવા છતાં શિવસેનાના પ્રમુખે આક્રમક અંદાજમાં કેન્દ્ર સરકારને ઢરપુરમાં મહારેલી સંબોધી હતી. ભાષજીમાં અહિાયાળા સવાલો કર્યા હતા. ખાસ તો રામમોંદિર અને રાકેલ બાબતે સરકારને વેરી બાકુરા સાબ્દિક પ્રહારો કર્યા હતા. એન્ડીએ ed. મોદીને ટોણો માર્યો : હથિયારો અને ગોલા-ઉદ્ધવ ઠાકરએ રાફલ મુદ્દ હોવાનો શિવસનાના પ્રમુખનો ન્દ્ર સરકાર ભ્રષ્ટાચાર કરત ઉદ્યવ ઠાકરેએ મોદીને ટોણો મારતા ! ભ્રષ્ટાચાર કરતી હોવાનો આરોપ પક્ષ ઉદ્ધવ | ઠાકરેએ એનડીએના સાધીપક્ષોના નેતાઓને ઠાડરેએ મૂક્યો હતો. ઉદ્ધવઠાકરેએ કહ્યું હતું કહ્યું હતું કે તમે બધા જાશો છો કે આજકાલ પશ નિશ.ન બનાવ્યા હતા. શિવસેનાના તો ચોકીદાર પજી ચોર નીકળે છે. રાફેલ મુદ્દે કે હું અયોખ્યાની મલાકાત પછી હવે પ્રમુખે કહ્યું હતું કે એક રામયે, સંઘમકત કોંગ્રેસ પ્રમુખ રાહુલ ગાંધી યોદીના ગ્રંદર્ભમાં વડાપ્રધાનના મતવિસ્તાર વારાજોસીમાં પણ દેશની વાત કરતા નીતીશકુમાર સાથે ચોકીદાર હી ચોર હે કહોને પ્રહારો કરે છે. જઈ શકુ છું. વારાણસીથી રામ મંદિરના ગઠબંધન જાળવી રાખતા ભાજપે શિવસેનાના પ્રમુખે પગ્ર મથમ વખત એ નિર્માલનો સંકલ્પ વધુ તીવ્ર બનાવવાનો નીતીશક્રમારને પૂછવું જેઈએ કે રામ મંદિર શબ્દનો પ્રયોગ કર્યો હતો સફેલ ઉપરાંત સંકેત ઉદ્ધવ ઠાકરે આપ્યો હતો. નિર્મોગ્રબાબતે તેનું વલઙ શું છે? પાસવાનનો સૈન્યન, શરંગોની ખરીદીમાં સરકાર ભાજપ અને મોદીની સાથે સાથે ઉદ્ધવ મત પણ ભાજપે ત્રણવો જોઈએ ામકથીની કચેરી, ગાંધીનગર, આહેર સચના / મોડેલ કે.ટેશર શેન્ટર, સુરત આવેજિત આ સાથે જણાવવામાં આવે છે કે સ્ટેક લેવલ એન્વિરોન્વેન્ટલ ઈમ્પેક્ટ એરોસ્વેન્ટ ભરતી મેળો ઓથોરિટી ગુજરાત દારા પત્ર નંબર SEIAA/GUJ/EC/5(d) & 1(d)/ 346/2018 તારીખ ૧૪ ડિસેમ્પર ૨૦૧૮ ના રોજ. ર મમથ : સવારે -૧૦-૦૦ દલાકે રીના શેલ મેસર્ચ શ્રી દુર્ગા સિલ્ટેક્સ પ્રાઇવેટ લિમિટેક ના પ્લોટ નં. E & Z, બ્લોક નં. ૧૨૮, મ્વર બીફ કોમર્સ બેન્ડ ઇન્ટર્સ્ટ,ઝ) ફાલાક મકાર શ્રા દુગા મગઢ જા પ્રાથ્યદ ાલામદક વા વ્યાદ વ. દ છટ. વ્યાક ગ. ૧૮૮, ૧૨૯, ૧૩૦ અને ૧૭૫ ગામ જોળવા તા. પલશાણા, જી. સુરત ખાતેની પ્રસ્તાવિત વિસ્તરયા પરિયોજના **કા દુગાં સિન્ટેક્સ પ્રાઇવેટ લિમિટેક** ને ઈઆઈએ નોટિફિકેશન તારીખ ૧૪ સપ્ટેમ્બર ૨૦૦૬ ની જોવાવાઇ હેઠળ એન્વિરોન્મેન્ટલ સરસાણા, સરત AULA DEELAL ESCHISC/GRADUATE/POST REAL TIMMELOMA YA MAR SHE YA રોજગારીનો અને તેમના કીશભ્યન વિકાસ કરવાની ક્લિયરન્સ આપેલ છે શાઇટ લીંક ઉપર નોંધણી કરાવી તેઓના પોતાના ક્લિયરન્સ પત્રની નકલ સ્ટેટ લેવલ એન્વિરોન્મેન્ટલ ઈમ્પેક્ટ એસેસ્મેન્ટ ઓથોરિટી ગુજરાતની દેબસાઈટ www.seiaa.gujarat.gov.in ઉપર તથા શુજરાત પ્રદુષણ નિયંત્રણ ઓર્ડ પર્યાવરણ ભવન સેક્ટર ૧૦ એ ગાંધીનગર ૩૮૨૦૧૦ ઉપર પત્રી સહિત સાથે સ્વન્બર્થ હાજર રહી શકે છે. -14:http://bit.iv/2rZe4)] (શેજગારની કરેવી-સી-૫, લકુમાલી પડાન, ઉપલબ્ધ છે. મોડેલ કેરિયર સેન્દ્ર આઈ.ડી.આઈ. કેમ્પ્સ, रा र લતી યકે કરી શરી છે. 324 : 28/42/2046 શ્રી દુર્ગા સિન્ટેક્સ પ્રાઈવેટ લિમિટેક હે.ચ.મકદનીસ વિષાયક(રોજગાર) 19210 296 34 3 H

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

## ANNEXURE XIV

## **FUEL CONSUMPTION**

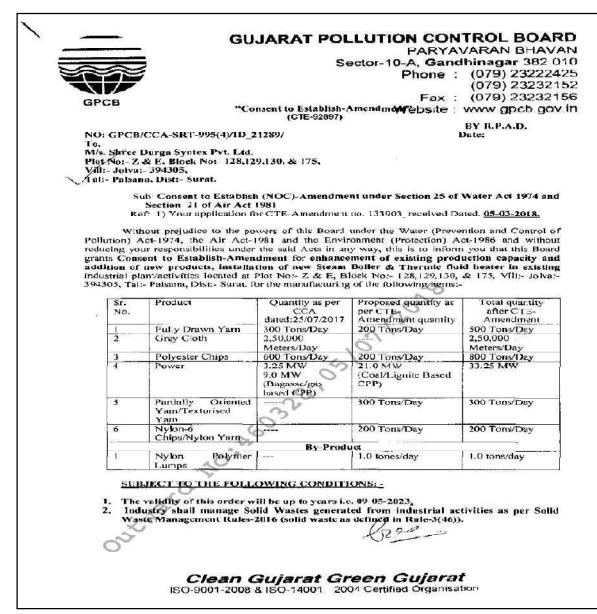
SN	Month	COAL (MT/Month)
1	October 2021	9,405
2	November 2021	9,655
3	December 2021	3,589
4	January 2022	2,700
5	February 2022	6,603
6	March 2022	17,900

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

<u>Gujarat</u>

## ANNEXURE XV

## NOC COPY OF PROPOSED EXPANSION



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.,

		Waste Management Rules-2016 you are directed to eplace at least five percent (5%) of your solid fuel
	requirement by 'refused derived fuel'.	
4.	Industry shall obtain NOC from CGV	VA as per order of Hon. National Green Tribunal
	for the withdrawal of ground water.	
5,		idelines as well as Coal handling guidelines of th
6	Board. Industry shall provide dedicated stora:	n facility for fly esh
		fication 1999 as amended from time to time.
CONI	DITIONS UNDER WATER ACT 1974:	
	Water Source: - Borewell.	
2,		tion for industrial purpose, after proposed expansion,
	shall be increased from 774 KL/Day to 1	
3.		for domestic purpose, after proposed expansion, shall
А	be increased from 25 KL/Day to 30 KL/	Day. to be generated from the manufacturing process and
4,	other ancillary industrial operations of	to be generated from the manufacturing process and the proposed expansion, shall be increased from 180
	KL/Day to 549 KL/Day (Total Booked I	
5.		ient shall be reused up to (397 KL/Day) & remaining
	shall be sent to CETP for further treat:	ment. In no case industrial discharge of CETP shall
12	increase 420 KL/Day.	
6.		h flow meter for the reuse of effluent and maintain its
7.	records.	
1.	shall be installed.	ing of the following units, as proposed by you,
	Screen chamber	. 60
		~~
	<ul> <li>Oil separation tank</li> <li>Non pollution discarded water</li> </ul>	startes tark
	Water transfer pump capacity	storage tank
8		ater (Sewage), after proposed expansion, shall be
	increased from 22 KL/Day to 26 KL/Day	
9.		
10	. The applicant shall operate effluent tre	atment system efficiently so that effluent from the
		TP inlet norms mentioned below however the final
		' shall adhere to the prescribed standards for CETP of
	M/s. Palsana Enviro Protecction Ltd(PE	<u>)                                    </u>
	PARAMETERS	CETP INLET NORMS
	PH	6.5 TO 8.5
	Temperature	40° C
	Colour (pt.co.scale) in onits	100 units
	Suspended Solids	<u>300 mg/1</u>
	Oil and Grease	<u>10 mg/l</u>
	Phenolic Compounds	<u>l mg/1</u>
	Sulphides	2 mg/1
	Ammonical Nitrogen	50 mg/1 2 mg/1
	Tatal Channel in	2 mg/1
	Total Chromium	
	Hexavelent Chromium	0.1 mg/1
	Hexavelent Chromium BOD (5 days at 20°C)	0.1 mg/1 400 mg/1
	Hexavelent Chromium	0.1 mg/1
	Hexavelent Chromium BOD (5 days at 20°C)	0.1 mg/1 400 mg/1

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

# Period – OCTOBER 2021 TO MARCH 2022

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

of N	1/s. Palsana Enviro Protecctio	n Ltd(PEPL) throug	s shall be fully conveyed into CET h underground drainage system
	L & in no case effluent shall be		
			e trade effluent of their unit fully s
		a criticent from their	industrial premises as per the GPC
norm	is mentioned below:-	CINCIP NUMBER IN	
	PARAMETERS	GPCB NORMS	
	PH	6.5 TO 8.5	
	Temperature	40 <sup>0</sup> C	
	Suspended Solids Oil and Grease	<u>100 mg/l</u>	
	Total Dissolved Solids	10 mg/1 2160 mg/1	
	Phenolic Compounds	1 mg/l	
	Sulphides	2.0 mg/1	
	Ammonical Nitrogen	50 mg/l	
	Total Chromium	2 mg/1	
	Hexavelent Chromium	The second se	
	BOD (5 days at 20°C)	0.1 mg/l	
	COD (5 days at 20 C)	30 mg/l 100 mg/l	
	Chlorides	600 mg/l	
	Sulphate	1000 mg/1	
	OR	1000 mg/1	
<ol> <li>The a M/s, conv.</li> <li>Units</li> <li>The a GPC</li> <li>The a a GPC</li> </ol>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu shall provide flow meters at inte applicant shall inform renewal B. upplicant shall be required to r	or conveyance of em ken to avoid any lea gh drain, t & outlet of ETP & 1 /termination of CET nake storage facilitie	kage or spillage of offluent durir naintain its record. P membership well in advance s od adequate capacity to store th
<ul> <li>13. The a M/s, conv.</li> <li>14. Units</li> <li>15. The a GPC</li> <li>16. The a prime tanks</li> <li>17. The a treate</li> </ul>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu shall provide flow meters at inle applicant shall inform renewal B. upplicant shall be required to r ary treated effluent for at least //HDPE tanks. applicant shall make fixed at ment to the CETP. The unit shall	or conveyance of em ken to avoid any lea gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin trangement for dispo II not keep any by-pas	tire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. P membership well in advance s od adequate capacity to store the g acid proof brick lined impervious sal of the effluent, after prima- ss line or system or loose or flexib
<ol> <li>The a M/s, conv.</li> <li>Units</li> <li>The a GPC</li> <li>The a prima tanks</li> <li>The freat pipe</li> <li>Leact tank efflue</li> </ol>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu, shall provide flow meters at inte- applicant shall inform renewal B. applicant shall be required to r ary treated effluent for at least (HDPE tanks, applicant shall make fixed an ment to the CETP. The unit sha line for discharging effluent in hate from the hazardous solid through leachate collection ent to the CETP of PEPL.	or conveyance of em ken to avoid any lea gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin trangement for dispo Il not keep any by-pa to the under ground waste, if any, shall a facilities and shall	tire treated effluent to the CETP of kage or spillage of effluent durin paintain its record. If membership well in advance is od adequate capacity to store the g acid proof brick lined imperviou osal of the effluent, after prima- is line or system of loose or flexib drainage system of PEPL. Iso be connected into a collectic be conveyed alongwith industri
<ol> <li>The a M/s, conv.</li> <li>Units</li> <li>The a GPC</li> <li>The a prima tanks</li> <li>The freat pipe</li> <li>Leach tank efflu.</li> <li>Magnaka tanks</li> </ol>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu, shall provide flow meters at inle- applicant shall inform renewal B. pplicant shall be required to r ary treated effluent for at least (HDPE tanks. applicant shall make fixed at nent to the CETP. The unit shall line for discharging effluent in hate from the hazardous solid through leachate collection ent to the CETP of PEPL. netic flow meters shall be i	or conveyance of em ken to avoid any lea gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin trangement for dispa II not keep any by-par to the under ground waste, if any, shall a facilities and shall installed at the inle	tire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. IP membership well in advance is 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
<ul> <li>13. The a M/s. conv.</li> <li>14. Units</li> <li>15. The a GPC</li> <li>16. The a prima tanks</li> <li>17. The a treath pipe</li> <li>18. Leach tank effluance</li> <li>19. Magnatanks</li> <li>20. The l circumant of the second secon</li></ul>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu- shall provide flow meters at inter applicant shall inform renewal B. upplicant shall be required to r ary treated effluent for at least #HDPE tanks. applicant shall make fixed ar nent to the CETP. The unit shall line for discharging effluent inter hate from the hazardous solid through leachate collection ent to the CETP of PEPL. netic flow meters shall be in /ETP to measure the quan m of PEPL. ENTIRE quantity of industria mstances the effluent e ther treat	or conveyance of emi- ken to avoid any lea- gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin trangement for dispo- ll not keep any by-pas- to the under ground waste, if any, shall a facilities and shall installed at the inle- tity of effluent disch- l effluent shall have ated or untreated shall	tire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. P membership well in advance s od adequate capacity to store the g acid proof brick lined impervious osal of the effluent, after prima- as 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 its obe conveyed by PEPL. In r be discharged any where else.
<ol> <li>The a M/s. conv.</li> <li>Unit s</li> <li>The a GPC</li> <li>The a grima tanks</li> <li>The a tanks</li> <li>The a treath pipe</li> <li>Leach tank efflu.</li> <li>Magn tanks syste</li> <li>The Janks syste</li> <li>The Janks syste</li> <li>The Janks syste</li> <li>The Janks syste</li> </ol>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu- shall provide flow meters at inter- applicant shall inform renewal B. upplicant shall be required to r ary treated effluent for at least //HDPE tanks. applicant shall make fixed at ment to the CETP. The unit shall hate from the hazardous solid through leachate collection ent to the CETP of PEPL. netic flow meters shall be in //ETP to measure the quan m of PEPL. ENTIRE quantity of industria mstances the effluent e ther tree is starts and the industrial effluent in the mixed with the industrial effluent efflu	or conveyance of emi- ken to avoid any lea- gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin rangement for dispo- ll not keep any by-pas- to the under ground is waste, if any, shall a facilities and shall installed at the inle- tity of effluent disch l effluent shall have ated or untreated shall l be provided separate fluent.	tire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. P membership well in advance 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 collection be conveyed alongwith industri t & outlet of effluent collection anging in to underground drainage to be conveyed by PEPL. In r be discharged any where else. ely. In no circumstances storm wath
<ol> <li>The a M/s, conv.</li> <li>Unit s</li> <li>The a GPC</li> <li>The a prima tanks</li> <li>The a tanks</li> <li>The a tanks</li> <li>Leaci tank efflu</li> <li>Leaci tanks</li> <li>Leaci tank</li> <li></li></ol>	pplicant shall be responsible f PEPL & due care shall be ta eyance of treated effluent throu- shall provide flow meters at inte- applicant shall inform renewal B. upplicant shall be required to r ary treated effluent for at least /HDPE tanks. applicant shall make fixed an ment to the CETP. The unit shall hate from the hazardous solid through leachate collection ; ent to the CETP of PEPL. netic flow meters shall be it /ETP to measure the quan m of PEPL. ENTIRE quantity of industrial mstances the effluent ether trea- sial system for storm water shall be mixed with the industrial eff- member unit have to modify / ties for efficiency & adequace	or conveyance of emi- ken to avoid any lea- gh drain, t & outlet of ETP & t /termination of CET nake storage facilitie 48 hours by providin rangement for dispo- ll not keep any by-par- to the under ground i waste, if any, shall a facilities and shall installed at the inle- tity of effluent disch l effluent shall have atted or untreated shall be provided separate fuent, improve performan- by in order to comply	tire treated effluent to the CETP of kage or spillage of effluent durin maintain its record. IP membership well in advance is od adequate capacity to store the g acid proof brick lined imperviou osal of the effluent, after prima- iss 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- co of existing Effluent treatme with prescribed in let standards,
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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>

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

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

## CONDITIONS UNDER AIR ACT 1981:

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

Sr. No.	Fuel	Existing	Proposed	Quantity
1)	Imported Coal	80 Tons/day	450 tons/day	530 tons/day
	Lignite		700 tons/day	700 tons/day
2)	Natural gas	76875 sq.cm/day		76875 sq.cm/day
3)	LDO	100 m <sup>3</sup> /day		100 m <sup>3</sup> /day
4)	Baggase	250 tons/day		250 tons/day
5)	LDO		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		<u> </u>		
1 to 3	Natural Gas Based CPP Engines - 3 Nos.	30 (each)		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
4	Natural Gas Based Steam Boiler (1 TPH)	30		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm
5	Coal Based Thermic Fluid Heater (14000 U)	50	Electrostatic Precipitator	PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
6	Natural Gas Based Thermic Fluid Heater (200 U×2 nos) One Stand by	20		PM SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100ppm 50ppm

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7	Natural Gas &	35		PM	150 mg/NN
	LDO/FO Based		1	SO <sub>2</sub>	10 <b>0ppm</b>
	Thermic Fluid			NO.	50ppm
	Heater (10000 U) × 2	1		l .	Į.
	One Stand by				1
8	Captive Power	80	Electro Static	PM	150 mg/NN
	Plant		Precipitator	SO <sub>2</sub>	100 ppm
	(9 MW)	1		NO <sub>x</sub>	50 ppm
Ргор	osed				
1	Steam Boiler	80	Economizer,	PM	150 mg/NN
	(70 TPH) for Coal		Air Pre-heater,	SO <sub>2</sub>	100ppm
	based Power Plant		ESP	NO <sub>x</sub>	50 ppm
	(21 MW)		1		
2	Steam Boiler			C .	Ē
	(23 TPH) for Coal	8		1	
	based Power Plant (21 MW)			l	
3	Thermic Fluid	50	ESP	PM	150 mg/NN
<b>1</b> 0	Heater		ESP	SO <sub>2</sub>	100ppm
	(Coal based)	8		NO <sub>2</sub>	50ppm
	(18 millilon	f	1		- oppin
indexides.	Kcal/hr)	1			
4	Steam Boiler (2	7		1	
	TPII)	1		1	
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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

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

Gujarat

## ANNEXURE XVI

#### EC COPY 2009

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

Paryavaran Bhawan CGO Complex, Lodhi Road New Delhi – 110 003 E-mail : <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 6<sup>th</sup> February, 2009 along with Form-1 and pre-feasibility report on the above mentioned subject seeking environmental clearance under the Environmental Impact Assessment Notification, 2006.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that M/s Shree Durga Syntex Pvt. Ltd have proposed for expansion of capacities for Fully Drawn Yam, 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.

-2-

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<sup>th</sup> -20<sup>th</sup> 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., Gujarat

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

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

#### A. SPECIFIC CONDITIONS:

i. The industrial effluent generation shall not exceed 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.

#### -3-

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

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

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

Use of automated filling to minimize spillage.

Use of "Close Feed" system into batch reactors.

Venting equipment through vapour recovery system.

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

ii. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by GPCB.

iii. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.

iv. The adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.

v. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

vi. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.

vii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on

#### PERIOD - OCTOBER 2021 TO MARCH 2022

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

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

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

ix. Permission to draw ground water shall be undertaken fro 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.

-4-

## B. GENERAL CONDITIONS:

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

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.
 At no time, the emissions shall exceed the prescribed limits. In the event of failure of any

pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.

iv. The gaseous emissions (NOx, SO2 and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures *are* rectified to achieve the desired efficiency. Stack monitoring for SO2, NOx and SPM shall be carried.

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

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

vii. The overall noise levels in and around the plant *area* shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

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

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

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

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

xii. The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

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

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

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

xv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated E C conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.

xvi. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

xvii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

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

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

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

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

(Dr.P.L. Ahujarai) Director

#### Copy to:

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

2. The Chief Conservator of Forests (Western Zone), Ministry of Environment & Forests, Regional Office, E-5, Arera Colony, Link Road -3, Bhopal -462 016, M.P.

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

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

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

6. Guard File/Monitoring File/Record File.

(Dr.P.L. Ahujarai) Director

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>

S.	M. SAIYAD, I	uis		* SI		L ENVIRONMEN F ASSESSMENT
MEMBER SECRETARY				R.P		THORITY
	IAA (GUJAR		स्टब्स्व	साम्रण तण्ले		UJARAT
	<u> </u>		Government	of Gujarat	5	JUMAI
No. Si	EIAA/GUJ/EC/5	(d)&1(d)	11346/2018	)	Date: 1 4	DEC 2018 <sup>By R P A D</sup>
	manufacturing pla	nt and CP	M/s. Shree Durga Synte P at Plot No. E & Z, Block edule annexed with EIA N	No 128, 129, 130 8	\$ 175. Vill. Jolwa	nsion of Manmade Fibre a, Ta.: Palsana, Dist: Surat.
Ref: `	Your Proposal No.	SIA/GJ/IN	D2/18454/2017.			
Dear Si	2 · · · · · · · · · · · · · · · · · · ·					IAA, seeking Environmental
Dist: Si	de Fibre manufac	turing pla ig unit for i	and CPP at Plot No. E	& Z, Block No 128 ducts, which falls i	129, 130 & 17	r setting up expansion of 5, Vill. Jolwa, Ta.: Palsana, 5(d)&1(d) of the schedule of
Sr.	Name of the	CAS no. /	·	Quantity		End-use of the
no. 1	Products Polyester Chips	Cl no.	Existing 600 Tons/day	Proposed 200 Tons/day	Total 800 Tons/day	POY/FDY/ Making
2	Fully Drawn	-	300 Tons/day	200 Tons/day	500 Tons/day	Fabric Making Fabric
	Yarn (FDY) Partially	-		300 Tons/day	300 Tons/day	Making Fabric
3	Oriented Yarn (POY)/ Texturised Yarn				1	
3				200 Tons/day	200 Tons/day	Making Fabric
	(POY)/ Texturised Yarn Nylon- 6 Chips/	•		200 Tons/day 21.0 MW (Coel/ Lignite Based) Captive power Plant	200 Tons/day 33.25 MW	Making Fabric Power Generation
4	(POY)/ Texturised Yarn Nyton- 5 Chips/ Nyton Yarn Power		3.25 MW (Natural Gas Based) 9.0 MW (Biomass (Agro waste/baggase) & Coal (15% as auxiliary fuel) based Captive power	21.0 MW (Coal/ Lignite Based) Captive power		

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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

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 4

- 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 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 co 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 wastewater generator on the new resentation, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time
- 16. The unit shall provide metering facility at the Inlet & outlet of the ETP. RO. MEE system & reuse system and maintain records for the same 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 Boller 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 Gas Based) (2.0 Lakhs Kcal/Hr.)	20 m (Common)	Natural Gas	Natural Gas 22440 sq.cm/day		Adequate Stack height
3	Thermic Fluid Heater (Natural Gas Based) (2.0 Lakhs Kcal/Hr.) (Stand by)				SPM SO2 NOX	Adequate Stack heigh
4	Thermic Fluid Heater (Natural Gas Based/LDO) (10 Million Kcaf/Hr.)	35.0 m (Common)			SPM SO2 NOx	Adequate Stack heigh

#### 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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5	Thermic Fluid Heater (LDO/NG Based) (10 Million Keal/Hr.) (Stand by)		LD	0	100 m3/c	lay	SPM SO2 NOX		Adequate Stack height
6	Thermic Fluid Heater (Coal based) (14 Million Kcal/Hr.)	50.0 m	Co	al	80 M	IT/Day	SPM SO <sub>2</sub> NOx		Electrostatic Precipitator
7	Steam boller (1 TPH)	31 M	Na	Natural Gas 5150		)Ú m/day	SPM SO2		Adequate Stack heigh
8	* Natural Gas Based CPP Engines(3.25 MW)	30 m					NOx		Adequate Stack heigh
9	Steam Boller (40 TPH) for Biomass (Agrowaste/baggase) & Coal (15% as auxiliary fuel) based Power Plant (9 MW)#	80.0 m		gasse& % Coal	8	ton/day 1T/Day	SPM SO2 NOX		Economizer Air Pre- heater, Electrostatio Precipitator
Prop	oosed						n		NA AND
Sr. no,	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	of	antity Fuel /Day		of Ions i.ə. Ilutants	11 - FORTUP 11	ollution rol Measures M)
1	Steam Boiler (70 TPH) for Coal based Power Plant (21 MW) #	80.0 m	Imported Coal/Lig		) is/day	SPM SO <sub>2</sub> NOx		Pre-h	omizer, Air ieater, rostatic
2	Steam Boiler (23 TPH) for Coal based Power Plant (21 MW) #			70- tor	) Is/day			Preci	pitator
3	Thermic Fluid Heater (Coal based) (18 Million Kcal/Hr.)	50.0 m				SPM SO <sub>2</sub> NOx			rostatic pitator (ESP)
			1					ł	

22. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained.

- 23. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through a reputed Institute and results thereof analyzed regularly and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Including bottom ash) shall be put in place.
- 24. A flue gas stack of 80 m height shall be provided with online monitoring system to proposed Steam Boiler. Mercury emissions from stacks shall also be monitored on periodic basis. However, unit shall comply the specific condition no. 13 above regarding height of the Boiler stack.
- 25. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of flue gas emission from the proposed Bollers. 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 exceede 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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## COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.: F. No. SEIAA/GUJ/EC/5(d) & 1(d)/1346/2018- DATED: 14/12/2018

## Period – OCTOBER 2021 TO MARCH 2022

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

<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 Hazardous	Source of Category Quantity (MT/Annum) generation per HW					Quantity (MT/Annum)			Disposal Method
1950	waste	1	Rutes.	Existing	Proposed	Total	- P.			
1	Used Oil	Maintenance	5.1	1.0 Kl/Year	2.0 KI/Year	3.0 KI/Year	Sent To GPCB Approved Recycle 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, Barcda)			
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 safeguards mentioned in the Risk Assessment report.
- hacl Asi Flame proof electrical fittings shall be provided in flame proof zones or wherever applicable in Plant premises 161
  - Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
  - All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided 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 beit 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 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.
- 118. 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,

act A.

(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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