



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

Ref.: MoEF/198/2014/2096

GPCB ID : 20752

Date :20/12/2014

To
Ministry of Environment & Forests,
Regional Office,
"Kendriya Paryavaran Bhavan"
Link Road No. 3,
E-5, Ravi Shankar Nagar,
Bhopal - 462 016

Kind Attn.: **Dr. A. Mehrotra [Director]**

Sub. : Submission of Compliance Report of Environmental Clearance and other details

Ref.: EC issued vide letter No. J-11011/324/2008 - IA II (I) dated September 22, 2008

Dear Sir,

Kindly find enclosed herewith compliance report (encl. as **Annexure - A**) of our Environmental Clearance received from MoEF, New Delhi.

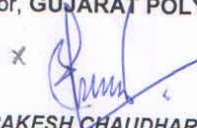
Also find enclosed herewith details of Production, Raw material consumption, Water consumption, Effluent generation, Effluent disposal to CETP and Solid waste generation during the June 2014 to November 2014 for unit are enclosed herewith (encl. as **Annexure - B**).

We hope the above is in line with your requirements.

Thanking you

Yours sincerely,

For, **GUJARAT POLYFILMS PVT. LTD.**


RAKESH CHAUDHARY
DIRECTOR



Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

Attachments:

Annexure – A Compliance Report of Environmental Clearance

Annexure - B Details of Production Along With Other Details

Annexure - 1 Flue Gas Stack Analysis Reports

Annexure - 2 Waste Water Analysis Report

Annexure - 3 Solid Waste Analysis Report

Annexure - 4 Ambient Air Analysis Report

Annexure - 5 Fugitive Emission Analysis Report

Annexure - 6 Noise Level Monitoring Reports

Annexure - 7 Copy of Site Plan

Annexure - 8 Copy of CETP Membership Certificate

Annexure - 9 Copy of TSDF Membership Certificate

Annexure – 10 Copy of CCA



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE -A

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

COMPLIANCE STATUS REPORT OF EC

— EC issued vide letter No. J-11011/324/2008 - IA II (I) dated September 22, 2008

No.	Condition	Compliance Report																				
	This has reference to your letter no. MoEF/ 291/2008/199 dated 31st March, 2008 along with Form - 1 and pre-feasibility report on the above - mentioned subject seeking environmental clearance under the Environmental impact Assessment Notification, 2006.	Complied																				
2.	The Ministry of Environment and Forests has examined your application. It is noted that M/s Gujarat Polyfilms Pvt. Ltd have proposed backward integration programme for manufacturing Nylon Chips from Caprolactum. The unit is involved in manufacturing of Nylon Yam @ 500 MTPM & Power from captive power plant of 3.6 MW. Industry now proposes to add new product i.e. Nylon Chips (750 MTPM) which is the main raw material for the nylon yam. The captive power generation will be @ 1 MW. The proposed addition will be undertaken within the existing premises of 25932 m2. Additional land of 13,300 m2 will be require for green belt development which will be taken on lease. Total area available for green belt will be 22,300 m2. Cost of the proposed expansion is Rs.24 Crores.	Complied.																				
3.	<p>The details of the Products to be manufactured along with their production capacity re given below:</p> <table border="1" data-bbox="344 1226 1013 1499"> <thead> <tr> <th data-bbox="344 1226 428 1276">Sr. No.</th> <th data-bbox="428 1226 610 1276">Product</th> <th data-bbox="610 1226 743 1276">Existing</th> <th data-bbox="743 1226 876 1276">Proposed</th> <th data-bbox="876 1226 1013 1276">Total</th> </tr> </thead> <tbody> <tr> <td data-bbox="344 1276 428 1327">1</td> <td data-bbox="428 1276 610 1327">Nylon Yam</td> <td data-bbox="610 1276 743 1327">500 MT/M</td> <td data-bbox="743 1276 876 1327">--</td> <td data-bbox="876 1276 1013 1327">500 MT/M</td> </tr> <tr> <td data-bbox="344 1327 428 1377">2</td> <td data-bbox="428 1327 610 1377">Power</td> <td data-bbox="610 1327 743 1377">3.6 MW</td> <td data-bbox="743 1327 876 1377">1 MW (stand by)</td> <td data-bbox="876 1327 1013 1377">4.6 MW</td> </tr> <tr> <td data-bbox="344 1377 428 1499">3</td> <td data-bbox="428 1377 610 1499">Nylon chips</td> <td data-bbox="610 1377 743 1499">--</td> <td data-bbox="743 1377 876 1499">750 MT/M</td> <td data-bbox="876 1377 1013 1499">750 MT/M</td> </tr> </tbody> </table>	Sr. No.	Product	Existing	Proposed	Total	1	Nylon Yam	500 MT/M	--	500 MT/M	2	Power	3.6 MW	1 MW (stand by)	4.6 MW	3	Nylon chips	--	750 MT/M	750 MT/M	Complied, we have received CTE as well as CCA from the Gujarat Pollution Control Board for the Total Capacity, Copy of the same is enclosed herewith vide <u>Annexure – 10</u> for your ready reference.
Sr. No.	Product	Existing	Proposed	Total																		
1	Nylon Yam	500 MT/M	--	500 MT/M																		
2	Power	3.6 MW	1 MW (stand by)	4.6 MW																		
3	Nylon chips	--	750 MT/M	750 MT/M																		
4.	The total water requirement after expansion will be 320.5 m ³ /d, which will be sourced from ground water. The waste water generation will be 124.5 m ³ /d of which 112 m ³ /d will be the industrial effluent and 12.5 m ³ /d will be the domestic effluent. The company has proposed to install new ETP. The process effluent (4 m ³ /d) will be sent to the MIs GECL, sachin for treatment as an interim arrangement till the CETP of M/s NPIA, Palsana is in operation. The other effluent after treatment in the ETP will be	Complied																				

Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat

	<p>used for green belt development. The domestic effluent will be disposed of into septic tank followed by soak pit. The gaseous emission from the gas generator of 1 MW will be dispersed through stack height of 30 m. Particulate emissions from the natural gas and coal fired boiler of 4 MT/hr. each will be dispersed through stack of 30 m height and particulate emissions will be controlled by Multi Cyclone Separator from the coal fired boiler. Natural gas fired thermo pack of 500 U x 2 will have common Stack height of 45 m. The solid waste/hazardous waste will be generated in the form of ETP sludge (20 Kg/d) will be disposed off in the TSDF. The solid polymer waste (7500 kg/m) will be sold as byproduct. The discarded containers / barrels / liners / carboys / bags (300 Nos./annum) will be sent back to supplier / GPCB approved recyclers, Used Oil (3000 l/annum) will be sold to authorized recyclers.</p>	
5.	<p>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 plant of the plant outside or Inside the notified industrial area. In the instant case the unit is located outside the industrial area hence it is 'A' category project. The expert appraisal committee (I) considered the project in its 84th meeting held on 12 – 14th August, 2008. The committee after detailed deliberations recommended the proposal for grant of environmental clearance under Para 7 (ii) of EIA Notification, 2006 exempting it from the requirement of EIA and Public hearing.</p>	Complied
6.	<p>Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification, dated 14th September 2006 subject to the compliance of the following specific and general conditions.</p>	Complied
A.	SPECIFIC CONDITIONS	
i.	<p>The total effluent generation shall not exceed 124.5 m³/day (112 m³/d of industrial effluent and 12.5 m³/day of domestic effluent). The company shall take measures for treatment of effluent other than process effluent by installation of effluent treatment plant. The treated effluent after conforming to the prescribed standards shall be used for green belt development. The process effluent (4m³/day) shall be sent to CETP of Globe Enviro Care Ltd, Sachin till the CETP of M/s NEIA, Palsana is commissioned and put in</p>	<p>Complied. Details of the same is already submitted in the earlier compliance report. Process effluent generated during the compliance period is 0.98 KL/day, which shows that it does not exceed 4</p>

Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat

	<p>operation. The domestic effluent (12.5 M³/d) shall be disposed through septic tank / soak pit.</p>	<p>KL/Day. Copy of analysis reports are enclosed herewith vide Annexure-2. The results shows that concentration of various parameters like COD, BOD, Oil & grease, Ammonical Nitrogen and Phenolic compounds was in the range of 472 – 672 mg/l; 120 – 203 mg/l; 2.8 – 4.4 mg/l; 3.9 – 5.1 mg/l and ND respectively for effluent collected from CETP feed tank while concentration of various parameters like COD, BOD, Oil & grease, Ammonical Nitrogen and Phenolic compounds was in the range of 74 – 96 mg/l; 23 - 31 mg/l; ND; 1.3 – 1.9 and ND respectively for the sample collected from recycling plant (i.e. after passing through Dual media filter).</p>
<p>ii.</p>	<p>GPCB shall not permit any new discharge from new industries of expansion of existing industries in the area that lead to CETP till the said CETP'S meet the required standard and have adequate hydraulic capacities.</p>	<p>Shall be complied.</p>
<p>iii.</p>	<p>The particulate emissions from the coal fire boiler shall be controlled by Multi Cyclone separator and emission shall be dispersed through stack of 30 m. The emissions from the DG Set shall be dispersed through stack of height as per CPCB standard. Acoustic enclosures shall be provided to control noise pollution.</p>	<p>Copy of analysis reports are enclosed herewith Vide Annexure – 1. The Analysis report shows that concentration of PM, Sox and Nox was in the range of 21.6 – 25.1 mg/Nm³,</p>

		<p>15.3 -17.3 ppm and 13.2 – 21.3 ppm respectively for the stack attached to 1.4 MW power plant No. 1 and the concentration of PM, Sox and Nox was in the range of 20 – 28 mg/Nm³, 14.2 - 18.6 ppm and 14.3 – 22.7 ppm respectively for the stack attached to 1.4 MW power plant No. 2. The concentration of PM, Sox and Nox was in the range of 18.1 – 29.1 mg/Nm³, 12.1 - 15.3 ppm and 6.7 – 8.6 ppm respectively for the stack attached to D. G. Set (Stand By) of 0.8 KVA, while for common stack attached to two Thermic Fluid Heater, PM, Sox and Nox was in the range of 17.0 – 23.0 mg/Nm³, 13.5 – 19.7 ppm and 18.3 – 24.1 ppm respectively, while for common stack attached to two numbers of Boilers of 4 MT/Hr one (Stand By), concentration of PM, Sox and Nox was in the range of 114 – 129 mg/Nm³, 24.3 – 33.7 ppm, 18.7 – 27.1 ppm.</p>
iv.	Hazardous waste generated shall be disposed of as per the hazardous waste (M & H) rules 2003.	Complied. Copy of latest analysis reports are enclosed herewith vide Annexure - 3 . The

		reports show that moisture, Loss on Ignition and Inorganic solids found in the range of 10.7 – 17.4 %, 3.2 – 6.2 % and 79.4 – 83.1 %.
v.	An area of 33% shall be developed as green belt. Selection of plants species shall be as per guidelines of CPCB.	Complied. About 22,300 Sq. Meter area is provided for the gardening purpose.
vi.	The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and used the same water for various activity of the project to conserve fresh water.	Complied. This water can be used for floor washing, industrial washing, gardening and other non-process applications, after filtration.
vii.	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	Complied. Annually, factory inspector visits our unit and checks the general health of all the workers. Moreover, a doctor also visits to carry out periodical check-up of the workers. In case of emergency, he shall be called for. Name of Doctor : Dr. VIMAL A. AGARWAL Clinical Address : Sai Clinic, Opp. CNG Pump, Palsana Char Rasta, Palsana, Surat
B. GENERAL CONDITIONS:		
i.	The project authorities must strictly adhere to the stipulations made by the Gujarat State Pollution Control Board.	Complied.
ii.	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy	Shall be complied. We hereby undertake that in case of any further expansion or modification at any stage in the

Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat

	<p>of conditions imposed and to add additional environmental protection measures required, if any.</p>	<p>process and / or plant, we shall take prior approval of the Ministry of Environment & Forests. Moreover, a fresh reference shall be made to the Ministry for any deviations or alterations in the project proposal from those submitted to the Ministry for clearance, for assessment of adequacy of conditions imposed and additional environmental protection measures, if required.</p>
iii.	<p>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.</p>	<p>Copy of analysis reports are enclosed herewith Vide Annexure – 1. We undertake that 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.</p>
iv.	<p>The gaseous emissions (NO_x, SO₂, CO) 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, NO_x and SPM shall be carried.</p>	<p>Copy of analysis reports are enclosed herewith Vide Annexure – 1. The Analysis report shows that concentration of PM, Sox and Nox was in the range of 21.6 – 25.1 mg/Nm³, 15.3 -17.3 ppm and 13.2 – 21.3 ppm respectively for the stack attached to 1.4 MW power plant No. 1 and the concentration of</p>

Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat

		<p>PM, Sox and Nox was in the range of 20 – 28 mg/Nm³, 14.2 - 18.6 ppm and 14.3 – 22.7 ppm respectively for the stack attached to 1.4 MW power plant No. 2. The concentration of PM, Sox and Nox was in the range of 18.1 – 29.1 mg/Nm³, 12.1 - 15.3 ppm and 6.7 – 8.6 ppm respectively for the stack attached to D. G. Set (Stand By) of 0.8 KVA, while for common stack attached to two Thermic Fluid Heater, PM, Sox and Nox was in the range of 17.0 – 23.0 mg/Nm³, 13.5 – 19.7 ppm and 18.3 – 24.1 ppm respectively, while for common stack attached to two numbers of Boilers of 4 MT/Hr one (Stand By), concentration of PM, Sox and Nox was in the range of 114 – 129 mg/Nm³, 24.3 – 33.7 ppm, 18.7 – 27.1 ppm.</p>
v.	<p>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 concentration are anticipated.</p>	<p>Copy of analysis reports are enclosed herewith Vide Annexure - 4. The analysis reports show that concentration of PM₁₀, SOx and NOx were in the range of 106 – 129 µg/m³, 24.9 – 33.5 µg/m³ and 18.7 – 27.1 ug/m³</p>

		respectively.
vi.	<p>iii. The company shall undertake following Waste Minimization measures.</p> <ul style="list-style-type: none"> ➤ 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 cleaning to reduce wastewater generation. 	Complied. However, Use of Close-Feed system into batch reactors is not applicable for us.
vii.	<p>Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.</p>	<p>Complied Copy of analysis report of fugitive emissions in the work zone and ambient air quality monitoring are enclosed herewith vide Annexure – 5. The report shows that Respirable Particulate Matter (PM₁₀) was 79 – 93 µg/m³, while Particulate Matter (PM_{2.5}) 37 – 46 µg/m³ at different work zone areas.</p>
viii.	<p>The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes. All Transportation of Hazardous Chemicals shall be as per the MVA, 1989.</p>	<p>Industry has provided the solid / hazardous waste storage area of about 2.5 m x 2.0 m x 3.0 m in size. The storage area is covered with roof from top, has impervious flooring with proper leachate collection system and is closed with four wall boundary. The Solid/ Hazardous waste generated from the unit is stored in SSA and</p>

		disposed as per GPCB guidelines. Industry has also obtained Authorization from the GPCB for the storage/ disposal of Hazardous waste. Industry is a member of TSDF site operated by Bharuch Enviro Infrastructure Ltd. (BEIL), Bharuch for disposal of Solid / Hazardous waste. TSDF site membership certificate is attached with Annexure 9.
ix.	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).	Complied. Copy of latest records are enclosed herewith vide Annexure – 6. The reports show that the noise level during day time and night time was the range of 62 – 74 dBA and 57 – 70 dBA respectively.
x.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.	Complied. We are regularly giving training to our employee on safety and health aspects of chemical handling. A doctor also visits to carry out periodical check-up of the workers. In case of emergency, he shall be called for. Name of Doctor : Dr. VIMAL A. AGARWAL

		Clinical Address : Sai Clinic, Opp. CNG Pump, Palsana Char Rasta, Palsana, Surat.
xi.	Usage of PPEs by all employees / workers shall be ensured	Complied. We have provided adequate nos. of PPEs to workers.
xii.	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. Detail of the same is already submitted in the earlier compliance report.
xiii.	The Company will undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activity will be undertaken involving local villages and administration.	We shall make possible contribution in improving the socio economic condition.
xiv.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Eco Development plan shall be submitted within short period.
xv.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. One of the Directors, Mr. Ankur H Patel, himself looks after the environmental aspect for the units, with the help of workers. For periodical environmental monitoring, third party has been appointed. Hence, there is no scope for establishing a full-fledged Environmental Management Cell.
xvi.	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.	The unit being medium scale, no separate funds have kept for environmental pollution control measures. Yet, as part of recurring expenses, operation and

		<p>maintenance of all the existing environmental pollution control units like stack, effluent treatment plant and solid waste management. Moreover, purchase of chemicals required in effluent treatment like lime and ferrous sulphate, effluent treatment bills of Common Effluent Treatment Plant (CETP) and solid waste disposal fees of TSDF sites are a part of the recurring expenditure. The total amount spent as recurring expenditure was Rs. 4,99,364 /-</p> <p>The establishment of air pollution control measures including stack with monitoring facilities, effluent treatment plant units and solid waste storage area can be considered as part of non-recurring expenses towards environmental protection. The total amount spent as non-recurring expenditure was Rs 1,050, 160 /-</p>
xvii.	The implementation of the project vis-à-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.	Shall be complied.
xviii.	The project proponent shall inform the public that the project has	Complied. Copy of Public

Gujarat Polyfilms Pvt. Ltd.
Palsana, Surat

	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.	notice has already been submitted in the earlier compliance report.
xix.	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.	Financial closure is not applicable to us.
7.	The ministry may revoke or suspended the clearance, if implementation of any of the above conditions is not satisfactory.	Complied.
8.	The ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Complied.
9.	Any appeal against this environmental clearance shall lie with the National Appellate Authority, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.	Complied.
10.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management & Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Complied.



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE – B

**DETAILS OF PRODUCTION, RAW MATERIAL CONSUMPTION, WATER CONSUMPTION,
WASTE WATER GENERATION & SLUDGE GENERATION**



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

DETAILS PRODUCTION

MONTH	NYLON CHIPS(MT)	NYLON YARN(MT)	POWER KWH
Jun-14	532.32	483.46	2200
Jul-14	533.76	497.88	---
Aug-14	511.16	498.38	---
Sep-14	553.60	482.30	---
Oct-14	465.18	451.89	---
Nov-14	395.29	340.53	---
TOTAL	2991.31	2754.43	2200
AVG.(Kg)	498551	459071	
AVG.(Mt)	498.55	459.07	



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
 Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
 E-mail : info@caplon.in Web Site : www.caplon.in

RAW MATERIAL CONSUMPTION

Month	NYLON CHIPS		FOR NYLON YARN	FOR POWER
	CAPROLACTAM	CATALYST	NYLON CHIPS	NATURAL GAS
	KG	KG	KG	SCM
Jun-14	539700	642	490004	626
Jul-14	543575	654	504463	---
Aug-14	539025	644	502970	---
Sep-14	534225	670	488421	---
Oct-14	466600	579	456665	---
Nov-14	413800	520	344476	---
Total	3036925	3709	2786999	626
Avg. (KG/Month)	506154	618	464500	



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

DETAILS OF WATER CONSUMPTION & EFFLUENT SENT TO CETP

MONTH	WATER CONSUMPTION(KL)	EFFLUENT SENT TO CETP (KL)
Jun-14	5362	38
Jul-14	5435	30
Aug-14	8995	30
Sep-14	7913	30
Oct-14	9309	23
Nov-14	9162	30
TOTAL	46176	180
AVG.(KL/MONTH)	7696	30.00
AVG.(KL/DAY)	252	0.98



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

DETAILS OF SOLID WASTE GENERATION

Month	ETP Sludge (Kg)	Solid Polymer Waste (Kg)	Discarded Containers (Nos.)	Used Oil (Lit)
Jun-14	73	336	25	---
Jul-14	71	221	20	---
Aug-14	69	316	33	---
Sep-14	68	175	22	---
Oct-14	66	576	28	---
Nov-14	64	149	18	---
Total	410	1773	146	0



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 1

FLUE GAS STACK ANALYSIS REPORTS

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.
Block No. 491, 492 & 493,
N.H. 8, Palsana,
Surat - 394 315

Description of Sample	: Emission from Stationary Sources. (Stack/Vent)	Sampling Procedure	As per IS & EPA method
Test Method	: IS:11255 & EPA		

RESULT TABLE

Sr. No.	Source of Emission	Limit Specified by GPCB	Results, mg/Nm ³		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
Flue gas Emission :					
1	Stack 1.4 MW power plant	PM : 150 mg/Nm ³	24	25.1	21.6
		SO ₂ : 100 ppm	15.7	17.3	15.3
		NOx : 50 ppm	13.2	21.3	17.3
	1.4 MW power plant	PM : 150 mg/Nm ³	20	28	22
		SO ₂ : 100 ppm	15.4	18.6	14.2
		NOx : 50 ppm	14.3	22.7	18.9
2	D.G. Set (stand by) Capacity 0.8 MW	PM : 150 mg/Nm ³	18.1	28.3	29.1
		SO ₂ : 100 ppm	12.1	15.3	14.6
		NOx : 50 ppm	8.6	6.7	7.1
3	Common stack Two Thermic fluid heaters	PM : 150 mg/Nm ³	20	17	23
		SO ₂ : 100 ppm	15.9	13.5	19.7
		NOx : 50 ppm	20.8	18.3	24.1
4	Stack attached to Boiler	PM : 150 mg/Nm ³	114	121	129
		SO ₂ : 100 ppm	24.3	28.1	33.7
		NOx : 50 ppm	18.7	22.5	27.1


ANALYST



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 2

WASTE WATER ANALYSIS REPORT

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.
Block No. 491, 492 & 493,
N.H. 8, Palsana,
Surat - 394 315

Description of Sample	: Process Effluent - Sent to CETP	Mode of Sampling	: Grab
Quantity/No. of Sample	: 01 L / one sample	Test Method	: IS:3025 & APHA

RESULT TABLE

Sr No	Parameters	Limit Specified by GECL	Results, mg/l (Except pH)		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	pH	6.5 - 8.5	7.6	7.8	7.1
2	Total Suspended Solids	300 mg/l	86	90	80
3	BOD (3 days @ 27°C)	1500 mg/l	120	203	173
4	COD	4000 mg/l	505	472	672
5	Oil & Grease	20 mg/l	2.8	3.6	4.4
6	Ammonical Nitrogen	50 mg/l	3.9	4.7	5.1
7	Sulphides	4 mg/l	ND	ND	ND
8	Phenolic Compd.	5 mg/l	ND	ND	ND
9	Total Chromium	4 mg/l	ND	ND	ND

Note: ND = Parameter analyzed but not detectable


ANALYST

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.
Block No. 491, 492 & 493,
N.H. 8, Palsana,
Surat - 394 315

Description of Sample	: Primary Treated Effluent	Mode of Sampling	: Grab
Quantity/No. of Sample	: 01 L / one sample	Test Method	: IS:3025 & APHA

RESULT TABLE

Sr No	Parameters	Limit Specified by GPCB	Results, mg/l (Except pH)		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	pH	6.5 - 8.5	7.4	7.2	8.1
2	Total Suspended Solids	100 mg/l	40	44	52
3	BOD (3 days @ 27°C)	30 mg/l	28	23	31
4	COD	100 mg/l	89	74	96
5	Oil & Grease	10 mg/l	ND	ND	ND
6	Ammonical Nitrogen	50 mg/l	1.5	1.3	1.9
7	Sulphides	0.5 mg/l	ND	ND	ND
8	Phenolic Compd.	1 mg/l	ND	ND	ND
9	Total Chromium	2 mg/l	ND	ND	ND

Note: ND = Parameter analyzed but not detectable.


ANALYST



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Paisana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 3

SOLID WASTE ANALYSIS REPORT

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493,

N.H. 8, Palsana,

Surat - 394 315

Description of Sample	:	ETP sludge
Description of Location	:	Solid Waste Storage Area

RESULT TABLE

Sr. No.	Parameters	Unit	Results		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	pH	-	7.3	7.1	7.5
2	Moisture	% w/w	10.7	13.2	17.4
3	Loss on ignition	% w/w	6.2	5.3	3.2
4	Inorganic	% w/w	83.1	81.5	79.4


ANALYST



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 4

AMBIENT AIR ANALYSIS REPORT

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493,

N.H. 8, Palsana,

Surat - 394 315

Description of Sample	: Gaseous sample of Ambient Air	Sampling Procedure	: As per IS method
Description of Location	: Near Security Gate	Duration of Sampling (Hrs)	: 24 Hrs
Test Method	: IS: 5182		

RESULT TABLE

Sr. No.	Parameters	Limit Specified by GPCB, $\mu\text{g}/\text{m}^3$	Results, $\mu\text{g}/\text{m}^3$		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	PM ₁₀	100	106	112	129
2	PM _{2.5}	60	64	65	75
3	SO _x	80	24.9	28.7	33.5
4	NO _x	80	18.7	21.3	27.1


ANALYST



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 5

FUGITIVE EMISSION ANALYSIS REPORT

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.
Block No. 491, 492 & 493,
N.H. 8, Palsana,
Surat - 394 315

Description of Sample	:	Fugitive Emission	Sampling Procedure	:	As per IS method
Description of Location	:	Near Process area	Duration of Sampling (Hrs)	:	24 Hrs
Test Method	:	IS: 5182			

RESULT TABLE

Sr. No.	Parameters	Results, $\mu\text{g}/\text{m}^3$		
		03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	PM ₁₀	79	88	93
2	PM _{2.5}	37	43	46


ANALYST



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 6

NOISE LEVEL MONITORING REPORTS

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ISO 9001: 2008 Certified Company

306, Royal Park, Adajan Road, Surat - 395 009, Gujarat, India.

E-mail: enpro_proj@yahoo.com Phone: +91-261-3295244 Fax: +91-261-2786129

TEST REPORT

Customer's Name and Address:

Gujarat Polyfilms Pvt. Ltd.
Block No. 491, 492 & 493,
N.H. 8, Palsana,
Surat - 394 315

RESULT TABLE

Sr. No.	Particulars	Locations	Results, dBA		
			03 / 06 / 14	05 / 08 / 14	17 / 10 / 14
1	Day Time	Nr. DG set room	69	72	74
		Nr. Main Gate	66	62	70
		Nr. Plant Area	70	67	64
		Nr. ETP	68	66	62
2	Night Time	Nr. DG set room	64	67	70
		Nr. Main Gate	62	58	66
		Nr. Plant Area	64	61	58
		Nr. ETP	63	61	57


ANALYST

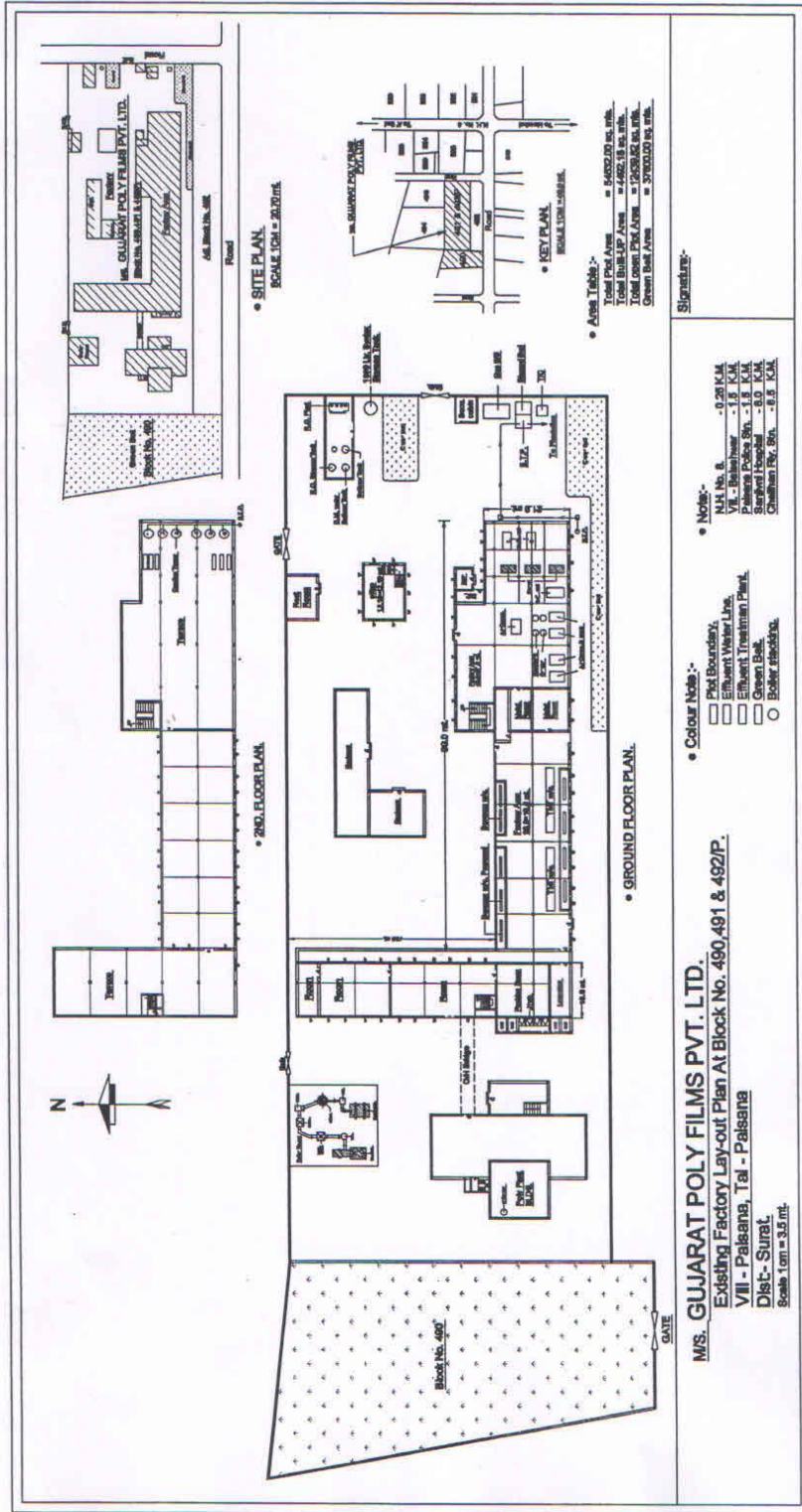


Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 7

COPY OF LAYOUT PLAN





Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 8

COPY OF CETP MEMBERSHIP CERTIFICATE



GLOBE ENVIRO CARE LTD.

Common Effluent Treatment Plant

Regd. Off. :

Plot No. : PPT/1 off Rd. No. 2,
S.H. KayTax Mill, G.I.D.C., Sachin,
SURAT-394230.
Ph.: (0261) 8647121/8527120
Fax: (0261) 2397185

COPY FOR MEMBER

Certificate

Certificate No: SG03

To Whomsoever it may concern

This is to certify that

GUJARAT POLYFILMS PVT.LTD
Block No.492, N.H.8, Palsana.
SURAT

is a valid member of

Globe Enviro Care Ltd.

for Common Effluent Treatment Facility.

This certificate is valid for a period of 1 Year

Date of issue: 17/2014

Date of expiration: 31/12/2014

Place of issue: SURAT



For: Globe Enviro Care Ltd.


Managing Director

SUBJECT TO SURAT JURISDICTION



GLOBE ENVIRO CARE LTD.

Common Effluent Treatment Plant

Regd. Off. :

Plot No. : PPH 277 Rd. No. 2,
EHT Kari/Tax Mill, G.I.D.C., Sachin,
SURAT-394230.
Ph. : (0281) 6547121/6587120
Fax : (0281) 2397155

Load Certificate

(Member's Copy)

is to certify that M/s. Gujarat Polyfilms Pvt. Ltd. has booked load of
00 Lit/day with M/s. Globe Enviro Care Limited, Sachin. This has to be read
reference with Membership Certificate no.:SG03 for the period 01/01/2014 to
2014.

Globe Enviro Care Limited

Sal Nalki, Chairman



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE - 9

COPY OF TSDF MEMBERSHIP CERTIFICATE



Date 8/08/12

To,
Gujarat Polyfilms Pvt. Ltd.
Block No.492,
N.H. No.8,
Palsana,
Surat - 394 315.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility of Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar. You have booked solid waste quantity of 25 MT/year. You have also paid your capacity commitment charges. Your Membership No. is Oth/173.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For **BHARUCH ENVIRO INFRASTRUCTURE LTD.**

AUTHORISED SIGNATORY



Gujarat Polyfilms Pvt. Ltd.

Block No. 491, 492 & 493, N.H. 8, Palsana, Surat - 394 315, Gujarat, India.
Tele. : + 91-2622-265146, 164, 98247 52455 Fax : +91-2622-265577
E-mail : info@caplon.in Web Site : www.caplon.in

ANNEXURE – 10

COPY OF CCA



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan
Sector-10-A, Gandhinagar-382 010.
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb. gov. in

BY R.P.A.D.

NO: CCA-SRT-901(3)/ID_20752/138576

To,
M/s. Gujarat Polyfilms Pvt. Ltd.
Plot No. BLOCK NO: 491 & 492
N.H. NO: 8, PALSANA,
Palsana-394315
Tal: Palsana
Dist: Surat

DT. 27/2/13

Sub : Amendment to "CC&A" No. AWH-46327 dated: 19/04/2012
Ref : Your letter No. Nil received dated: 28/05/2012.

Sir,

This Board has issued CCA to your industrial unit located at Plot No. BLOCK NO: 491 & 492, N.H. NO: 8, PALSANA, Palsana-394315 Tal: Palsana Dist: Surat vide this office letter No: CCA-SRT-901(3)/ID_20752/110178 dated 19th April, 2012 with certain specific conditions. In furtherance to above, necessary amendment in furtherance shall be read as:-

1. The additional block no. Shall be added in Industry Address & it is now shall be read as :
Plot No. BLOCK NO: 491 & 492
N.H. NO: 8, PALSANA,
Palsana-394315
Tal: Palsana
Dist: Surat
2. Capacity of Product item Sr. No. 3 i.e. Power in product table shall be read as 4.6 MW in place of 4 MW.
3. Quantity of Coal mentioned in condition No. 4.1 shall be read as 8.5 MT/Day in place of 6.5 MT/Day
4. The other conditions of the said CCA Order No. AWH-46327 dated 19/04/2012 shall remain unchanged.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(R. R. VIJAS)
ENVIRONMENTAL ENGINEER

Clean Gujarat Green Gujarat



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector 10-A, Gandhinagar 382010

Phone : (079) 23226295

Fax : (079) 23232156

website : www.gpcb.gov.in

By. RPAD

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 rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling & Trans boundary Movement) Rules'2008 framed under the Environmental (Protection) Act-1986. This Board is empowered to Grant CC&A.

And whereas Board has received consolidated consent application No.51512 dated: 17/10/2011 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To
M/s. Gujarat Polyfilms Pvt. Ltd.
Plot No. BLOCK NO: 492
N.H. NO: 8, PALSANA,
Palsana-394315
Tal: Palsana
Dist: Surat

1. Consent Order No. AWH-46327 Date of issue: 30/03/2012.
2. The consents shall be valid up to 16/10/2016 for the use of outlet for the discharge of treated effluent & air emission and to operate Industrial plant for manufacture of the following items/ products:

Sr. No.	Product	Capacity
1)	Nylone Chips	750 MT/Month
2)	Nylone yarn	500 MT/Month
3)	Power	4 MW

3. CONDITIONS UNDER THE WATER ACT

- 3.1 The quantity of trade effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed 112 Kl/Day. Of which 4 Kl/Day wastewater generated from the process shall be disposed at CETP of M/s. Globe Enviro Care Limited. & remaining 108 Kl/Day of wastewater from boiler, cooling & washing activities after treatment shall be used for plantation/gardening.
- 3.2 The quantity of Domestic effluent from the factory shall not exceed 12.5 Kl/Day.

3.3 TRADE EFFLUENT:

- 3.3.1. The applicant shall provide adequate effluent treatment system so that effluent from the industrial unit shall conform to the CETP inlet norms

Clean Gujarat Green Gujarat

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

mentioned below however the final discharge of treated effluent from CETP shall adhere to the prescribed standards for CETP of M/s. Globe Enviro Care Limited.

PARAMETERS	CETP NORMS
PH	6.5 TO 8.5
Temperature	400 C
Colour	100 units
Suspended Solids	300 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 200C)	1500 mg/l
COD	4000 mg/l
Total Dissolved Solids	2100 mg/l
Copper	3mg/l
Lead	0.1mg/l
Nickel	3mg/l
Zinc	5mg/l

- 3.3.2 The final treated effluent confirming to the above standards shall be fully conveyed into CETP of M/s. Globe Enviro Care Limited (GECL) through underground drainage system of GECL & in no case effluent shall be discharged in to Environment by any means.
- 3.3.3 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
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2.0 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20°C)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l
Copper	2mg/l
Lead	0.1mg/l

Nickel	3mg/l
Zinc	5mg/l

OR

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

- 3.3.4 The applicant shall be responsible for conveyance of entire treated effluent to the CETP of M/s. GECL & due care shall be taken to avoid any leakage or spillage of effluent during conveyance of treated effluent through drain.
- 3.3.5 Unit shall provide Flow meters at ETP.
- 3.3.6 The applicant shall inform renewal/termination of CETP membership well in advance to GPCB.
- 3.3.7 Domestic effluent shall be disposed off through septic tank/soak pit system.
- 3.3.8 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.
- 3.3.9 The applicant shall make fixed arrangement for loading the effluent after primary treatment to the effluent. The unit shall not keep any by-pass line or system or loose or flexible pipe line for discharging effluent into the underground drainage system of GECL.
- 3.3.10 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 GECL.
- 3.3.11 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 GECL.
- 3.3.12 The ENTIRE quantity of industrial effluent shall have to be conveyed by GECL. In no circumstances the effluent either treated or untreated shall be discharged any where else.
- 3.3.13 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.3.14 GECL member unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed in let standards.
- 3.3.15 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 & GECL on or before fifth day of the succeeding month.

3.3.16. In case of shut-down of plant for more than three days for any reason, the SIEL unit member shall intimate to GECL authority & GPCB well in advance for the better operation & management of CETP.

3.3.17. The authorized representative of GECL may have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of the applicant:

3.3.18. If the GECL authority terminates the membership of the applicant for CETP, the GECL member unit shall have to close down the manufacturing activities/industrial operation of the process plant immediately until the GECL membership is resumed.

3.3.19. The applicant shall put up at the entrance a board displaying SIEL membership number & date of joining of GECL, 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. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as a fuel.

Sr. No.	Fuel	Quantity
1	coal	6.5 MT/Day
2	Diesel	7000 lit/Day
3	Natural Gas	20,000 M ³ Day

4.2 The applicant shall install & operate a comprehensive adequate air pollution control system in order to achieve prescribed norms.

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

Stack No.	Stack attached to	Stack height in Meter	Air Pollution control measures	Parameters	Permissible Limit
1.	Gas Generator (1.4 MW)	20	-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2.	Gas Generator (1.4 MW)	20	-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
3	D.G. Sets (0.8 KVA) Stand by	20	-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
4	N.G Fired Thermopack- 2Nos. (5000U×2) (1 Thermopack Stand By)	45	-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm

5	Coal Fired Steam Boiler (4 TPH) (Stand By)	30	Multi Cyclone Separator & Bag Filter	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
	Gas Fired Steam Boiler (4 TPH)		-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
6	Gas Generator For CPP (1 MW) (Stand By)	30	-	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm

4.2.2 These shall be no Process emission.

4.2.3 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source other than the stack/vent shall not exceed the following levels.

PARAMETER	PERMISSIBLE LIMIT
Particulate matter ₁₀	100 Microgram Per cubic meter
PM _{2.5}	60 Microgram Per cubic meter
Oxides of Sulphur	80 Microgram Per cubic meter
Oxides of Nitrogen	80 Microgram Per cubic meter

4.2.4 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.

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

5. GENERAL CONDITIONS: -

5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

5.2 Applicant shall also comply with the general conditions given in annexure 1.

5.3 The applicant shall be responsible for conveyance of entire treated effluent to the CETP of M/s. GECL. Due care shall be taken to avoid any leakages or spillages of effluent during conveyance of the effluent through GIDC drain.

- 5.4 The applicant shall inform renewal/termination of membership well in Advance to GPCB.
- 5.5 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.

6. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5))

6.1 Number of authorization No: AWH-46327 Date of issue: 30/03/2012.

6.1.1 M/s. Gujarat Polyfilms Pvt. Ltd. is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No. BLOCK NO: 492 N.H. NO: 8, PALSANA, Palana-394315Tal: Palsana Dist: Surat.

Sr. No.	Waste	Quantity	Schedule-I Process No.	Facility
1	Chemical Sludge from ETP	6.0 MT/Year	34.3	collection, storage, transportation disposal at GPCB approved TSDF Site.
2	Used Oil	2.7 MT/Year	5.1	collection, storage, decontamination transportation disposal by selling to GPCB approved registered Re-refiners
3	Discarded Containers/ Barrels/Liners	2.4 MT/Year	33.3	collection, storage, transportation

6.1.2 The authorization is granted to operate a facility for collection, storage, within the factory premises transportation and ultimate disposal of Hazardous Waste at GPCB Approved TSDF Site.

6.1.3 The authorization shall be valid up to 16/10/2016

6.1.4 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986 and Haz. Waste (M & H and T M) Rules 2008.

6.1.5 TERMS AND CONDITIONS OF AUTHORIZATION :

- The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- The persons authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.

- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
 - f) An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
 - g) Industry shall have to manage waste oil, discarded containers etc. as per amended rules 2003.
 - h) Industry shall submit annual report within 15 days and subsequently by 31st January every year.
7. Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Supreme Court's order in W.P. No.657 of 1995 dated 14th October 2003.
 8. Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premises.

For and on behalf of
Gujarat Pollution Control Board

(R. R. VYAS)
Environmental Engineer

NO: CCA-SRT-901(3)/ID_20752/ 110178

Dtd - 19/4/2014

Issued to:
M/s. Gujarat Polyfilms Pvt. Ltd.
Plot No. BLOCK NO: 492
N.H. NO: 8, PALSANA,
Palsana-394315
Tal: Palsana
Dist: Surat