

GARDEN SILK MILLS PRIVATE LIMITED

(Formerly GARDEN SILK MILLS LIMITED)

DC / GSMPL / EC 22-23 / 15

December 5, 2022
GPCB ID : 20700

IRO Gandhinagar, MOEFCC
Room No A-407, "ARANYA BHAWAN",
Near CH-3 Circle, Sector-10A,
Gandhinagar - 382010
Gujarat

SUB: SUBMISSION OF HALF YEARLY ENVIRONMENT COMPLIANCE FOR THE TERM APRIL 2022 TO SEPTEMBER 2022 BY M/s. GARDEN SILK MILLS PRIVATE LIMITED (erstwhile GARDEN SILK MILLS LIMITED)

REF: 1. MINISTRY'S LETTER NO. J-11011/1048/2007-IA II (I), DATED: 07/04/08 AND AMENDMENTS
2. MINISTRY'S LETTER NO. J-11011/124/2009-IA II (I), DATED: 10/06/09 AND AMENDMENTS
3. MINISTRY'S LETTER NO. J-11011/624/2010-IA II (I), DATED: 10/05/13

Dear Sir,

With reference to the Environmental Clearance obtained from MoEF vide letters dated: 07/04/2008, 10/06/2009 and 10/05/2013, we are hereby enclosing the Half Yearly Compliance Report (**APRIL 2022 TO SEPTEMBER 2022**) of Environmental Clearance issued to us.

We hope that you will find it in order and do the needful.

For Garden Silk Mills Private Limited
(erstwhile Garden Silk Mills Limited)
CP DIVISION – GPCB ID : 20700

Debdutta Chatterjee
President - Finance & Commercial



Copy to:

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

*Garden**

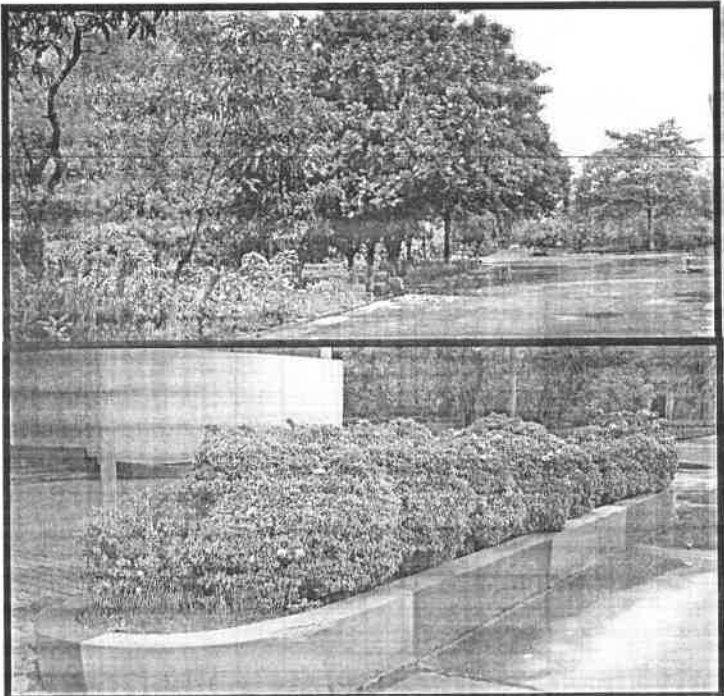
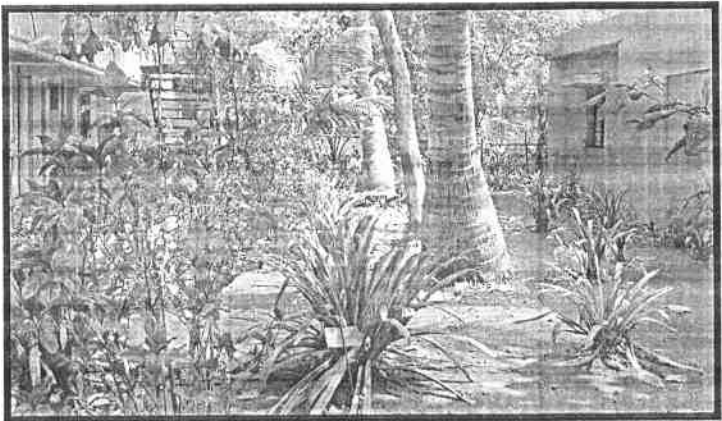
COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S

File NO.: J-11011/1048/2007-IA II (I), DATED: 07/04/2008

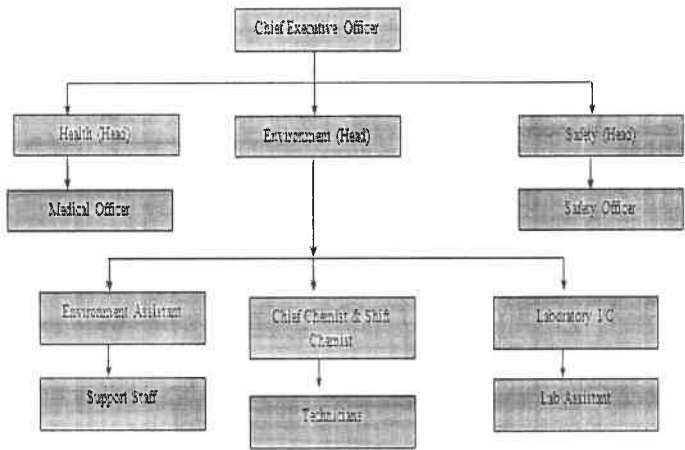
April 2022 to September 2022

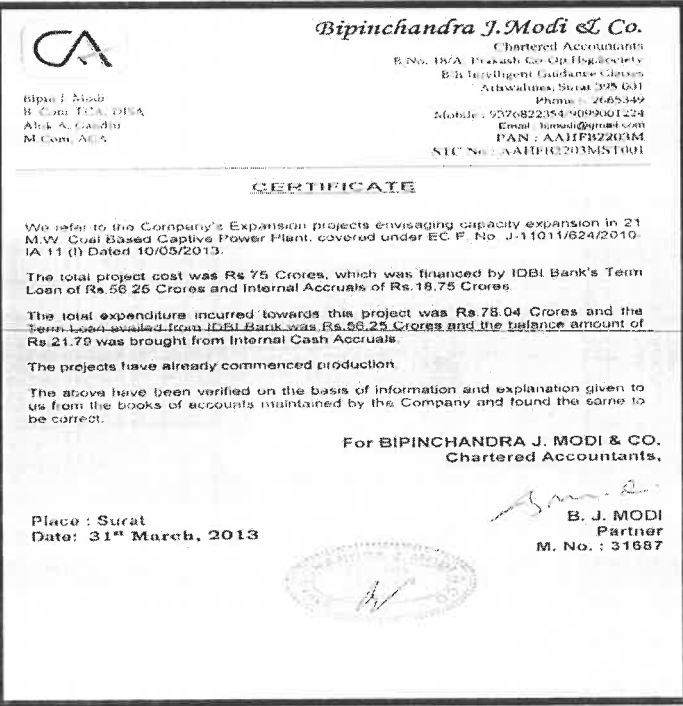

SN	CONDITIONS					COMPLIANCE STATUS
1	The Ministry of Environment and Forests has examined the proposal and noted that the proposal is for environmental clearance for expansion of Polyester Chips and Polyester Filament Yarn Production Plant at Village Jolwa, Palsana Taluka, Surat, Gujarat by M/s. Garden Silk Mills Ltd. The cost of the project is Rs. 365 Crore. The unit has green belt in 8,000 m ² and has proposed additional green belt in 4,500 m ² . The unit will install a natural gas based Captive Power Plant of 8.4 MW. In case of non-availability of the gas, furnace oil may be used as fuel. The details of existing and proposed products and their capacities are as given below:					We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995 , dated 28/06/2016 , valid up to 31/12/2020 . Application of CCA renewal has been applied vide Application No. 105241 Dated 8/01/2021 and Granted on 28/06/2021 .CTE/CTO Valid up to 07/01/2026 . Copy of valid consent attached in ANNEXURE- 1 . Production details are as ANNEXURE-2 .
	S. No.	Name of products	Production capacity (MTA)			
			Existing	Proposed	Total	
	1.	Polyester Chips	1,55,000	2,37,600	3,92,600	
	2.	Polyester Filament Yarn				
		Partially Oriented Yarn	61,000	29,600	90,600	
		Fully Drawn Yarn	--	19,900	19,900	
	3.	By-Products-Degraded Polymer (Oligomer)	12	15	27	
	4.	Captive Power Plant (MW)	6.74	8.4	15.14	
2	The total water requirement after expansion will be 7,083 KLD and will be sourced from own bore well. Total waste water generation will be 2,849 KLD which shall be treated and discharged into the Kadodara Khadi through own 1 km pipe line. The unit has two ETP's and proposes to install one new ETP.					The water requirement & waste water generation is within permissible limits during this period. Treated effluent is discharged into the Kadodara, Khadi, through a closed RCC pipeline of 1.7 km, only after achieving GPCB prescribed norms.
3	The project activity is listed at S.N. 5 (d &e) under category 'A' and was considered and appraised at center level as para 7(ii) of EIA Notification 2006.					Noted
4	The Ministry of Environment and Forest hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14 th September, 2006 subject to compliance of the following specific and general conditions.					Noted
A.	SPECIFIC CONDITIONS					
	The company shall install full-fledged ETP to comply with the GPCB norm for discharge of effluent into sea and all necessary clearances shall be obtained.					In our premises full-fledged ETP was installed to bring GPCB prescribed norms. The test reports were submitted by NABL approved laboratory. The analysis test reports were submitted by NABL approved laboratory M/s. En-Vision Environmental Services, Surat M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory.[NABL


SN	CONDITIONS	COMPLIANCE STATUS
		Certificate No.TC-5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Analysis reports are enclosed as Refer Annexure 3.
	The company shall construct a guard pond for treated effluent and shall carry out the bioassay test by collecting the treated effluent into the guard pond before discharging into Khadi. The reports shall be submitted to CPCB and Ministry's Regional Office at Bhopal.	Bioassay analysis reports of test are enclosed as Annexure 3. Same has been submitted to CPCB and Ministry's Regional Office at Gandhinagar.
	The water consumption shall not exceed 7,083 KLD and wastewater generation shall not exceed 2,849 KLD. The company shall install the wastewater monitoring facility and records shall be maintained.	The water requirement & waste water generation is within permissible limits. Water Consumption and wastewater generation details are enclosed in Annexure-4. M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC-5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Results of wastewater analysis test a report has been attached Annexure 3.
	The company shall obtain for drawl of ground water from the Central Ground Water Authority/Central Ground Water Board and copy shall be submitted to the Ministry's Regional Office.	Unit is using water from existing bore wells as well as from canal. Permission obtained from CGWA and irrigation department for industrial use is attached as Annexure 5A and Renewable CGWA NOC is attached as Annexure 5B. CGWA NOC No.: CGWA/NOC/IND/ORIG/2021/12877.
	The company shall run the power plant only with gas as a fuel and only in case of non-availability of natural gas furnace oil shall be used only such period when natural gas is not available. During use of furnace oil as fuel the company shall ensure the emission of SO ₂ as per the norms prescribed by the SPCB and height of the stacks shall be as per CPCB norms of SO ₂ emission.	Unit is provided stack height as per CPCB norms and also Monitoring arrangement is provided with Stack. Regular monitoring is carried out by unit. Stack Monitoring results are attached as Annexure 6. The Stack Monitoring reports were submitted by NABL approved laboratory M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Also same has been submitted to the SPCB, CPCB and Ministry's Regional Office at Gandhinagar.
	The company shall provide the monitoring arrangement with the stack and regular monitoring shall be carried out and reports submitted to the SPCB, CPCB and Ministry's Regional Office at Bhopal.	
	The project authority shall obtain the membership of TSDF within three months for disposal of solid and hazardous waste and copy of the same shall be submitted to the Ministry and Ministry's Regional Office at Bhopal. The company shall maintain valid member ship.	M/s Garden Silk Mill Limited has obtained Common Solid Waste Disposal Facility membership for Quantity 180.6 MT/Y from M/s. BEIL. Six monthly solid/ hazardous waste generation details are enclosed for April 2022 to September 2022 as Annexure 9. M/s Garden Silk Mill Limited has obtained Common Solid Waste Disposal Facility membership from M/s. BEIL Refer Annexure 7.

SN	CONDITIONS	COMPLIANCE STATUS
	The company shall develop 12,500 sq.m. out of the total area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions.	<p>Green belt development has been done in the project area. Around 1900 numbers of trees were planted within and outside the premises. 12520 sq.m greenbelt area is covered within and outside the premises. Photographs of green belt developed within the premises.</p>  
	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular occupational health surveillance is carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure 14 .
	The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.	Proper arrangements for fire hazards during manufacturing process and material handling have been provided.
B.	GENERAL CONDITIONS	
	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.	Noted & complied
	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 form those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of condition imposed and to add additional environmental protection measures required, if any.	Noted & complied

SN	CONDITIONS	COMPLIANCE STATUS
	The project authorities shall strictly comply with the rules and regulation under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	We are complied with the rules and regulation under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended. Waste is sent to GPCB authorized vendor. Six monthly solid/ hazardous waste generation details enclosed in Annexure 9 .
	Ambient air quality monitoring stations be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the State Pollution Control Board.	The location of ambient air quality monitoring stations had been decided with GPCB consultation. One up wind, one downwind and one maximum ground level concentration stations were selected for AAQM monitoring. The same had been shown to authority like SPCB, CPCB & MoEF during their visit to our factory.
		M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Monitoring results are attached as Annexure 10 .
	For control process emissions stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided.	Adequate stack height has been provided. The Stack monitoring test reports were submitted by NABL approved laboratory M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate. Stack Monitoring results are attached as Annexure 6 .
	<p>The company shall undertake following Waste Minimization measures:-</p> <ul style="list-style-type: none"> • Meeting of quantities of active ingredients to minimize waste. • Re-use of by-products from the process as raw materials or as raw material substitutes in other processes. • Maximizing recoveries • Use of automated material transfer system to minimize spillage. • Use of “Closed Feed” system into batch reactors. 	<p>Noted & complied</p> <p>Maximum time packing materials are recovered. Waste MEG from polymerization is recycled back in process. PTA powder during unpacking is used back. Polyester melt & polyester chips are pneumatically conveyed. Additionally, 3rd chipper is installed at CP-1/2 to minimize polymer waste.</p>
	The project authorized must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization form the SPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	<p>Noted & complied</p> <p>M/s. Garden Silk Mills Ltd. (CP division) is, hereby, granted an authorization for following hazardous wastes on the premises situated at Plot No. 196, 197, 124/A, 202-5, 225/7, 229, 230, Jolwa, Tal.: Palsana, Dist: Surat.</p>

SN	CONDITIONS	COMPLIANCE STATUS				
		Sr. No.	Waste	Quantity	Schedule-I Process	Facility
		1	ETP Waste	180.6 MT/Month	34.3	Collections, Storage, Transportation, Disposal at GPCB approved TSDF site.
		2	Used Oil	5.25 MT/Year	5.1	Collections, Storage, Transportation, Disposal by selling to GPCB approved registered re-refiners.
		3	Discarded Containers/ Barrels/ Liners	72.9 MT/ Month	33.3	Collection, Storage,
		All the above-mentioned waste compliance are complied				
	The overall Noise levels in and around the plant area, shall be kept well within the standards (85 dBA) 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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	Noise monitoring within premises at different location was carried out and results from M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation .				
	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental management and monitoring functions.	<p>Separate Health, Safety and environment department exist where the environmental related matters are handled.</p>  <pre> graph TD CEO[Chief Executive Officer] --> H[Health (Head)] CEO --> E[Environment (Head)] CEO --> S[Safety (Head)] H --> MO[Medical Officer] E --> EA[Environment Assistant] E --> CCS[Chief Chemist & Shift Chemist] E --> LIC[Laboratory I/C] S --> SO[Safety Officer] EA --> SS[Support Staff] CCS --> Tech[Technician] LIC --> LA[Lab Assistant] </pre>				
	Financial provisions should 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.	<p>Noted & complied. Complied. CA certificate for the same is enclosed here</p>				

SN	CONDITIONS	COMPLIANCE STATUS
		 <p>Bipinchandra J. Modi & Co. Chartered Accountants B.No. 18/A, Prakash Co-Op. Hsg. Society Bh. Intelligent Landmark Class, 3rd Floor, Surat 395 031 Phone : 2655349 Mobile : 9276822354/9099001224 Email : bimodigmail.com PAN : AAHPW203M SIC No : AAHPW203MST001</p> <p>CERTIFICATE</p> <p>We refer to the Company's Expansion projects envisaging capacity expansion in 21 M.W. Coal Based Captive Power Plant, covered under EC F. No. J-11011/624/2010-IA II (I) Dated 10/05/2013.</p> <p>The total project cost was Rs. 75 Crores, which was financed by IDBI Bank's Term Loan of Rs. 56.25 Crores and Internal Accruals of Rs. 18.75 Crores.</p> <p>The total expenditure incurred towards this project was Rs. 78.04 Crores and the Term Loan availed from IDBI Bank was Rs. 56.25 Crores and the balance amount of Rs. 21.79 was brought from Internal Cash Accruals.</p> <p>The projects have already commenced production.</p> <p>The above have been verified on the basis of information and explanation given to us from the books of accounts maintained by the Company and found the same to be correct.</p> <p>For BIPINCHANDRA J. MODI & CO. Chartered Accountants,</p> <p>Place : Surat Date : 31st March, 2013</p> <p>B. J. MODI Partner M. No. : 31687</p>
	The project authorities shall provide rainwater harvesting system and ground water recharge.	Two recharge wells are provided for rainwater harvesting system and ground water recharge.
	The implementation of the project vis-a-vis environmental action plans shall be monitored by Ministry's Regional Office / SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.	Regular compliance statuses are sent to concern authorities.
	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 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 Ministry's Regional Office.	<p>Complied. Already advertisement has been given in local newspaper. Complied. Please find copy of EC advertisement as below; 1. English Newspaper</p>  <p>PUBLIC NOTICE</p> <p>It is hereby informed that the Ministry of Environment and Forests Delhi has accorded Environmental Clearance vide Letter No. F. No. J- 11011/ 624/2010-IA II (I), dated 10th May 2013 to our proposed expansion project of</p> <p>Polyester Staple Fiber (PSF) and Captive Power Plant (CPP) of M/s Garden Silk Mills Ltd, at Village Jolwa, Dist. Surat, Gujarat.</p> <p>Under the provision of EIA Notification dated 14th September 2006,</p> <p>Copies of clearance letter may be seen at website of the Ministry of environment and forest at http://envfor.nic.in and is also available at Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382010</p> <p>Place : Surat Dated :20/05/2013</p> <p>For, M/s Garden Silk Mills Limited Director</p>

SN	CONDITIONS	COMPLIANCE STATUS
		<p>2. Gujarati Newspaper</p> 
	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date/of start of the project.	Complied. Details already submitted. CA certificate for the same is enclosed as Annexure 16.
5	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
6	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.	Agreed.
7	Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.	Noted.
8	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), 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted

COMPLIANCE OF ENVIRONMENTAL CLEARANCE CORRIGENDUM MINISTRY'S LETTER
NO.: F. No. J-11011/1048/2007-IA-II (I), DATED: April 25, 2008

April 2022 to September 2022

April 2022 to September 2022

SN	CONDITIONS	COMPLIANCE STATUS																																				
1	<p>This is in continuation of this Ministry's earlier letter of even No. dated 7th April. 2008. The matter was re-examined with respect to capacity of existing captive power plants for which representation made by you to the Ministry. In view of representation the details of existing and proposed product/facilities mentioned in para 2 of environmental clearance shall be replaced as follows:</p> <table><tr><th rowspan="2">S. No.</th><th rowspan="2">Name of Products</th><th colspan="3">Production Capacity (MTA)</th></tr><tr><th>Existing</th><th>Proposed</th><th>Total</th></tr><tr><td>1</td><td>Polyester Chips</td><td>1,55,000</td><td>2,37,600</td><td>3,92,600</td></tr><tr><td rowspan="3">2</td><td>Polyester Filament Yarn</td><td></td><td></td><td></td></tr><tr><td>Partially Oriented Yarn</td><td>61,000</td><td>29,600</td><td>90,600</td></tr><tr><td>Fully Drawn Yarn</td><td>-</td><td>19,900</td><td>19,900</td></tr><tr><td>3</td><td>By-Products-Degraded Polymer (Oligomer)</td><td>12</td><td>15</td><td>27</td></tr><tr><td>4</td><td>Captive Power Plant (MW)</td><td>6.74</td><td>8.4</td><td>15.14</td></tr></table>	S. No.	Name of Products	Production Capacity (MTA)			Existing	Proposed	Total	1	Polyester Chips	1,55,000	2,37,600	3,92,600	2	Polyester Filament Yarn				Partially Oriented Yarn	61,000	29,600	90,600	Fully Drawn Yarn	-	19,900	19,900	3	By-Products-Degraded Polymer (Oligomer)	12	15	27	4	Captive Power Plant (MW)	6.74	8.4	15.14	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ ID_20700/ 360995, dated 28/06/2016, valid up to 31/12/2020. Application of CCA renewal has been applied vide Application No. 105241 Dated 8/01/2021 and Granted on 28/06/2021. CTE/CTO Valid up to 07/01/2026. Copy of valid consent attached in ANNAXURE- 1. Production details are as Annexure 2.</p>
S. No.	Name of Products			Production Capacity (MTA)																																		
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3	By-Products-Degraded Polymer (Oligomer)	12	15	27																																		
4	Captive Power Plant (MW)	6.74	8.4	15.14																																		
2	All the specific and general conditions stipulated in environmental clearance order dated April 7, 2008 shall remain the same.	Noted																																				
3	This letter shall be kept attached with the original clearance letter	Noted																																				

COMPLIANCE OF ENVIRONMENTAL CLEARANCE CORRIGENDUM MINISTRY'S
NO.: F. No. J-11011/1048/2007-IA-II (I), (VIDE DATED: 12/03/2009)

April 2022 to September 2022

SN	CONDITIONS	COMPLIANCE STATUS
	Your letter no.: nil dated: 23 rd September, 2008 requesting for change in fuel in heaters from gas/FO based to coal-based heaters and subsequent communication vide your letter dated: 11 th December, 2008.	
1	The Ministry has examined the request and noted the company is proposing 2 nos. of Coal based heaters in addition to existing gas-based heater facility in the proposed expansion project of polyester chips and polyester Filament yarn at village Jolwa, Taluka Palsana in district Surat in Gujarat by M/s. Garden Silk Mills Ltd.	Complied. We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995 , dated 28/06/2016 , valid up to 31/12/2020 . Application of CCA renewal has been applied vide Application No. 105241 Dated 8/01/2021 and Granted on 28/06/2021 .CTE/CTO Valid up to 07/01/2026 . Copy of valid consent attached in ANNEXURE- 1 . Production details are as ANNEXURE 2 .
2	The matter was discussed in 89 th meeting of the Expert Appraisal Committee (industry) Meeting held during 22 nd and 23 rd December, 2008. The Committee has recommended for no objection subject to that "The company shall install the ESP with the coal fired boiler to keep the emission of particulates within 100 mg/Nm ³ ".	Complied. To keep emission of particulates within limit ESP for coal fired boiler has been installed.
3	The above recommendation of the Expert Appraisal Committee has been accepted as such for installation of 2 nos. of coal-based heaters subject to the condition mentioned above and the norms as specified in the environmental clearance letter issued vide No. J-11011/1048/2007-IA-II(I) dated April 7, 2008.	Noted
4	This has the approval of the Competent Authority.	Noted

COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:
J-11011/124/2009-IA II (I), DATED: 10/06/2009

April 2022 to September 2022

SN	CONDITIONS	COMPLIANCE STATUS
2.	<p>The Ministry of Environment and Forests has examined your application. It is noted that M/s. Garden Silk Mills Ltd. have proposed for expansion of Polyester Chips and Polyester Filament Yarn manufacturing unit at Village: Jolwa, Tal.: Palsana, Dist.: Surat in Gujarat.</p> <p>Production capacity of Polyester Chips will increase from 3, 92,600 MTPA to 5, 45,600 MTPA fully drawn yarn from 19,900 MTPA to 23,000 MTPA. The Ministry has earlier accorded Environmental Clearance for the existing capacity on 7th April, 2008. The production capacity of polyester oriented yarn will be same as 90,600 MTPA. Capacity of by-products Degraded Polymers (Oligomer) will increase from 27 MTPA to 39 MTPA. The Captive Power generation of existing and proposed plant will be 6.74 MW x 2 Nos., 8.4 MW x 1 No. and 18 MW x 1 No.; 10.5 MW x 1 No. respectively. Out of total proposed polyester chips, 23,000 MTPA will be produced by using the existing manufacturing facilities. Similarly, 3,100 MTPA of fully drawn yarn will be produced by using the existing manufacturing facilities. No eco-sensitive areas are located within 10 km radius of the plant. The proposed expansion will be within the existing unit having land area of 20 acres. Cost of the project is 13,275.00 lacs.</p>	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020.</p> <p>CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ID_20700/102858, dated 25th January 2012.</p> <p>CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st August 2012.</p> <p>CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ID_20700/212045 dated 3rd May 2014.</p> <p>Annexure 1- Copy of last valid consent.</p> <p>Production details are as Annexure 2.</p>
3.	<p>It is noted that the water requirement will increase from 7,153 m³/d to 8,828 m³/d which will be sourced from the ground water source. The waste water generation will be 3,523.8 m³/day. The domestic effluent will be disposed through septic tank followed by soak pit. The industrial waste water will be treated in the modified effluent treatment plant. The company has existing effluent treatment plant for primary, secondary involving two stage activated sludge process and tertiary treatment facility. The company will provide additional primary and secondary treatment to the existing treatment facility for treatment of additional effluent. The final treated effluent as per the prescribed norms of GPCB/CPCB will be sent to Kadodara, Khadi through own existing pipeline that finally meets the Arabian Sea.</p>	<p>Water is being used from existing bore wells as well as from canal.</p> <p>The final treated effluent is sent to Kadodara, Khadi as per prescribed norms of GPCB.</p> <p>Analysis report for raw and treated effluent and ETP sludge is enclosed as Annexure 3.</p>
4.	<p>Power requirement will be met through Captive Power Plant. One coal based boiler 90 TPH of capacity, one fuel oil fired thermic fluid heating system of 40 Kcal/capacity and one FO engine has been installed. Fuel for the boiler would be 288-360 MTPD of imported/Indian coal and 78 TPD of furnace oil for fuel oil engine and heat transfer fluid system (3 heaters). About 0.34 MTPD of lubricant oil will be used as fuel.</p>	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020.</p> <p>CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ID_20700/102858, dated 25th January 2012.</p> <p>CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st August 2012.</p> <p>CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated</p>

SN	CONDITIONS	COMPLIANCE STATUS
		3 rd May 2014.
5.	<p>To control the particulate emissions from the coal fired boiler, electrostatic precipitators with stack height of 90 meter is proposed. Stack height of 60 meter is proposed for FO engine and stack height of 52 meter for Heat Transfer Fluid (common stack for 3 heaters) for dispersion of gaseous emission. To control the fugitive emission, all process pumps, reactors and treatment vessels would have mechanical seals. To strip off gases, stripper columns and off gas treatment tower will be provided. Fly ash conveyers from ESP hopper to silos would be totally enclosed.</p>	<p>Unit is provided APC system and stack height as per CPCB norms and also Monitoring arrangement are provided with Stack. Regular monitoring is carried out by unit.</p> <p>Stack Monitoring results are attached as Annexure 6. Also same has been submitted to the SPCB, CPCB and Ministry's Regional Office at Gandhinagar.</p> <p>Monitoring results for fugitive emission (workplace ambient air) are enclosed in Annexure 8.</p>
6.	<p>Solid waste generation will be in the form of lubricant oil (1,050 MT/Year existing and 0.5 MT/Year, proposed) and HFO sludge (1.2 MT/Year, proposed) will be sold MoEF authorized re-processors. Catalyst drum lot or additive drum (220 Nos./Month, existing and 140 Nos./Month, proposed) and PP liner lot (150 kg/month, existing and 4.5 MT/M, proposed) will be sold to GPCB authorized vendors. ETP sludge (10.55 MT/M existing and 2.5 MT/M proposed) will be disposed at M/s. NEPL (Naroda Enviro Projects Ltd.). Polymer waste (5.5 MT/M existing and 40 MT/M, proposed). Chip waste (69 MT/M, existing and 6 MT/M, proposed), sweeping PTA waste lot (12 MT/M, existing and 10 MT/M proposed), FDY-waste (17.5 MT/M, existing) and POY-waste (13.2 MT/M, existing) will be sold to actual end users. The quantity of the polymer waste may be varying due to power failure and break down. Ash (9 MTPD existing and 38-60 MTPD, proposed) will be sold to end-user like RMC (Ready Mix Concrete) plant operators, brick manufacturers, concrete block manufacturers and cement manufacturers etc.</p>	<p>Our total hazardous/solid wastes are sent to TSDF of M/s. BEIL, Ankleshwar. Membership certificate enclosed in Annexure 7.</p> <p>Discarded containers will be sold to GPCB authorized Vendors.</p> <p>Polymer waste, Chip waste, Sweeping PTA waste lot, FDY-waste and POY-waste will be sold to actual end users.</p> <p>Fly Ash sold to end-user like RMC (Ready Mix Concrete) plant operators & cement manufacturers etc.</p> <p>For last six months Solid waste generation refer Annexure 9.</p>
7.	<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 location of the plant outside or inside the notified industrial area. In the instant case the unit is located outside the notified industrial area, hence it is "A" Category project. The Expert Appraisal Committee (I) considered the project in its 93rd meeting held on 14-16th April, 2009 and committee recommended the proposal for grant of environmental clearance as per para 7(ii) of EIA Notification, 2006 exempting the project from public hearing.</p>	Noted
8.	<p>Based on the information submitted by the project proponent, the Ministry Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14th September 2006 subject to the compliance of the following Specific and General Conditions.</p>	Noted
A.	SPECIFIC CONDITIONS:	
i)	<p>The company shall install full-fledged ETP to comply with the GPCB norm for discharge of effluent into sea and all necessary clearances shall</p>	<p>In our premises ETP was installed to bring GPCB prescribed norms.</p> <p>Analysis report is enclosed as Annexure 3.</p>

SN	CONDITIONS	COMPLIANCE STATUS
	also be obtained. The company shall construct a guard pond for treated effluent and shall carry out the bioassay test by collecting the treated effluent into the guard pond before discharging into Khadi. The reports shall be submitted to CPCB and Ministry's Regional Office at Bhopal.	Bioassay analysis report of test is enclosed as Annexure 3 . Same has been submitted to CPCB and Ministry's Regional Office at Gandhinagar.
ii)	The water consumption shall not exceed 8,828 m ³ /d and waste water generation shall not exceed 3,523 m ³ /d. The company shall install the waste water monitoring facility and records shall be maintained.	The water requirement & waste water generation is within permissible limits. Water Consumption and wastewater generation details are enclosed in Annexure 4 .
iii)	The company shall obtain permission for drawl of ground water from the Central Ground Water Authority/Central Ground Water Board as may be applicable and copy shall be submitted to the Ministry's Regional Office.	Unit is used water from existing bore wells as well as from canal. Permission obtained from CGWA and irrigation department for industrial use is attached as Annexure 5 .
iv)	Particulate emissions from the coal fired boiler and coal fired heaters shall be controlled by installation of electrostatic precipitators and emissions shall be dispersed through stack of adequate height as per CPCB standards. During use of furnace oil as fuel the company shall ensure the emission of SO ₂ as per the norms prescribed by the SPCB and height of the stacks shall be as per CPCB norms. The company shall provide the monitoring agreement with the stack and regular monitoring shall be carried out and reports submitted to the SPCB, CPCB and Ministry's Regional Office at Bhopal.	Unit is provided adequate stack height and electrostatic precipitators as per CPCB norms and also Monitoring arrangement are provided with Stack. Regular monitoring is carried out by unit. Stack Monitoring results are attached as Annexure 6 . Also same has been submitted to the SPCB, CPCB and Ministry's Regional Office at Gandhinagar. Monitoring results for fugitive emission (workplace ambient air) are enclosed in Annexure 8 .
v)	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 pollutant levels namely, SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
vi)	Fugitive emissions in the work zone environment, product, and raw material storage area shall be regularly monitored. The emissions shall confirm to the limits imposed by SPCB.	
vii)	The project authorities shall strictly comply with the rules and regulation and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management, Handling and Transboundary Movement) Rule, 2008 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 MVA, 1989.	Noted & complied Unit is strictly complied with the rules and regulations and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management, Handling and Transboundary Movement) Rule, 2008 as amended from time to time & its amendment. Details of last six months hazardous waste are attached in Annexure 9 .
viii)	The project authority shall obtain the membership of TSDF within three months for disposal of solid and hazardous waste and copy of the same shall be submitted to the Ministry and Ministry's	We have already obtained membership of TSDF of M/s. BEIL, Ankleswar for the disposal of Solid/ Hazardous waste details attached in Annexure 7 .


SN	CONDITIONS	COMPLIANCE STATUS
	Regional Office at Bhopal. The company shall maintain valid member ship.	
ix)	The company shall develop 12,500 sq. m. out of the total area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions.	Required plantation has been completed in around 28,000 sq.m. of area within our premises. We are maintaining the plantation.
x)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular occupational health surveillances carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure 14 .
xi)	The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.	Proper arrangements for fire hazards during manufacturing process and material handling have been provided.
B. GENERAL CONDITIONS		
i)	The project authorities shall strictly adhere to the stipulations made by the SPCB/state government or any statutory body.	Noted & complied
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required. If any.	Noted & complied
iii)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	We ensure that in the event of failure of any pollution control system adopted by the unit, the unit will be immediately put out of operation.
v)	The gaseous emissions (NO _x , SO ₂ 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 systems(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO ₂ , NO _x and SPM shall be carried.	We have provided adequate stack height to control process emission. Stack Monitoring results reports enclosed in Annexure 6 .
vi)	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.	The locations of ambient air quality monitoring station installed in the all the direction include the up-wind and Dow-Wind Direction. The Ambient monitoring location and results are attached as Annexure 10 . M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC-5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.
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	Noise level measurement at GSML ADMIN BUILDING , (Noise levels in and around plant are attached as Annexure 11 . M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.

SN	CONDITIONS	COMPLIANCE STATUS
	time).	
viii)	The project proponent shall also comply with all the environment protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in respect of environmental management measures project shall be implemented.	Noted & complied.
ix)	The company will undertake all relevant measures for improving the Socioeconomic conditions of the surrounding area CSR activities will be undertaken by involving local villages and administration.	Noted and complied. Details for CSR activity is attached in Annexure-15 .
x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted & complied.
xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up carry out the Environmental Management and Monitoring functions.	Separate Health, Safety and environment department exist where the environmental related matters are handled.
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 implantation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Noted & complied.
xiii)	The implementation of project vis-à-vis environmental action plans shall be monitored by 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.	Regular compliance statuses are sent to concern authorities.
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 receives while processing the proposal.	Proof of EC Grant Intimation to Palsana Dist. Mamlatdar is attached herewith.

SN	CONDITIONS	COMPLIANCE STATUS
xv)	The project proponent shall also submit six monthly status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.	Regular compliance statuses are sent to concern authorities.
xvi)	The project proponent shall inform the public that project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with 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.	Complied Already advertisement has been given in local newspaper.
xvii)	The project authorities shall inform the regional Office as well as the Ministry, the date of financial closure and final approval of the concerned authorities and the date of start of the project.	Complied. Details already submitted. CA certificate for the same is enclosed as Annexure 16 .
9.	The Ministry revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Agreed.
10.	The Ministry reserves the right to stipulate additional conditions, if found necessary the company in a time bound manner will implement conditions.	Agreed
11.	Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997	Noted
12.	The above conditions will be enforced, inter-alia 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.	Noted

COMPLIANCE OF AMENDMENT ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER**NO.: J-11011/124/2009-IA II (I), DATED 24th July, 2012****April 2022 to September 2022**

S. NO.	CONDITIONS	COMPLIANCE STATUS
1	This is in continuation of this Ministry's letter of even no. dated 10.06.2009 and your subsequent communication dated 5.02.2012, 24.04.2012 and 23.05.2012 requesting the Ministry for amendment of environmental clearance dated 10.06.2009 due to increase in the coal requirement from 288-360 MTPD to 328-360 MTPD.	Noted.
2	It is noted that in para 4 of environmental clearance of even no. dated 10.06 2009, that fuel requirement for the boiler has been mentioned as 288-360 TPD of Imported/Indian coal. The quantity of coal as per the environmental clearance was based on the following Gross Calorific Value (GCV): i. Gross Calorific Value (GCV) of imported coal 5500kcal/kg and quantity of coal for the 12 TPH boiler = 288 TPD ii. Gross Calorific Value (GCV) of Indian Coal/ lignite = 3800 kcal/kg, Quantity of coal for the 15 TPH boiler = 360 TPD.	Noted.
3	However, the GCV of actual imported coal received is 3800 kcal/kg and coal requirement is 410 TPD. Due to non-availability of Indian coal, company proposes to use lignite along with Indian coal for which the GCV is 3300 kcal/kg. The coal requirement would be 450 TPD. Since the import of coal and coal mining is closed in monsoon season, there is fluctuation in coal availability and hence, it is proposed to use Petcoke (20%) as a fuel in combination with Lime (20%) with normal 80% Imported / Indian coal / lignite (328-360 TPD) so that captive power plant can run on full capacity. The company has installed electrostatic precipitator to control the particulate emissions To control the SO ₂ emissions; it is proposed to use 20 % of lime mix with Petcoke.	We are not using Pet coke, only Imported coal is used as fuel for power plant.
4	The proposal was placed before the Expert Appraisal Committee-1 (Industry) in its meeting held during 29th-30th March, 2012 (p. 326/c). After detailed deliberations, the Committee recommended for amendment in the above environmental clearance to increase the requirement of coal from 288 - 360 MTPD to 328-360 MTPD (80% imported / Indian coal / lignite)	We are not using Pet coke, only Imported coal is used as fuel for power plant.

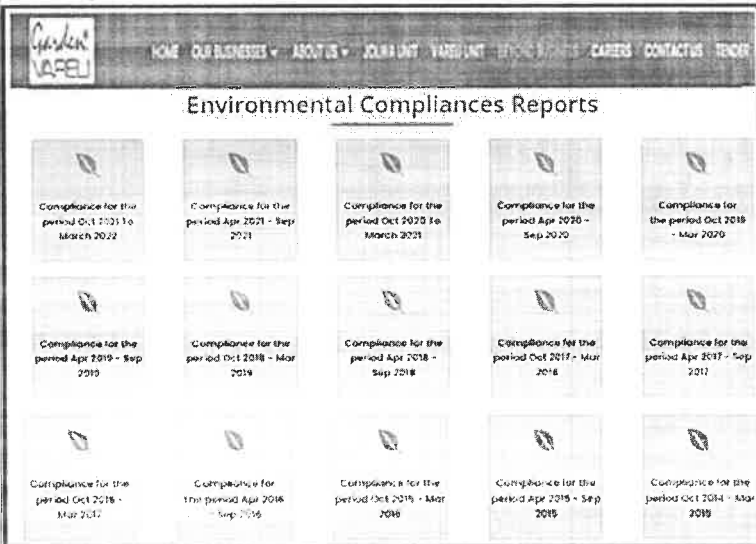
S. NO.	CONDITIONS	COMPLIANCE STATUS
	and / or to use Petcoke (20% of Petcoke - 90 MTPD and 18 MTPD of lime).	
5	The Ministry accepts the recommendation of EAC -I (Industry) for amendment in the above environmental clearance in respect of increase in the coal requirement from 288 - 360 MTPD to 328-360 MTPD (80% imported / Indian coal / lignite) and / or to use Petcoke (20% of Petcoke - 90 MTPD of pet coke and 18 MTPD of lime) as mentioned in para 4 of environmental clearance dated 10.06.2009 subject to stipulation of following additional safeguards:	We are not using Petcoke, only Imported coal is used as fuel for power plant.
	i. To control the SO ₂ emissions, lime shall be used. The emissions shall be scrubbed with caustic scrubber.	Noted.
	ii. Fly ash shall be utilized as per the Fly Ash utilization Notification, 1999 and as amended in 2009	Noted & complied.
	iii. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to Ministry's Regional office at Bhopal, SPCB and Central Pollution Control Board as well as hard copy once in six months and display data on PM10, SO ₂ and NO _x outside the premises at the appropriate place for the general public.	<p>Display board is placed visible to general public Status of every Compliance of the stipulated environmental clearance condition including result of monitored data is uploaded Regular Basis on Garden Vareli Website named www.gardenvareli.com. Screenshot of Website is attached here.</p>  <p>Refer Annexure 6, 8 & 10.</p>
	iv. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.	Noted & Complied.
	v. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental 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 SPCB. The Regional Office of this Ministry at Bhopal/CPCB/SPCB shall monitor	<p>Regular compliance statuses are sent to concern authorities. Sets of Hard copies of Half Yearly EC Compliances are also sent to this authority.</p> <p>1) Integrated Regional Office, Gandhinagar, MOEFCC Room No A-407, "ARANYA BHAWAN", Near CH-3 circle Sector-10A, Gandhinagar-382010, Gujarat Gandhinagar – 382010</p> <p>2) The Member Secretary State Level Environment Impact Assessment Authority (SEIAA)</p>


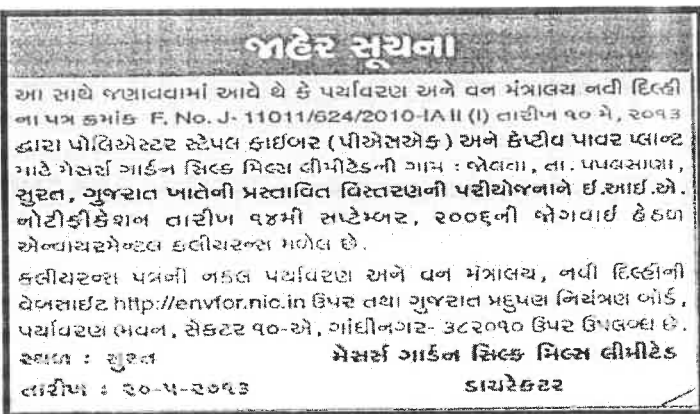
S. NO.	CONDITIONS	COMPLIANCE STATUS
	the stipulated conditions.	Gujarat Pollution Control Board Paryavaran Bhavan, Sector – 10 – A Gandhinagar – 382010
	vi. The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Environmental Statement (Form V) is attached as Annexure 12.
	vii. The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/ procedure to bring into focus any infringement/deviation/violation of environmental or forest norms/conditions. (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non-compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders	Details for CSR activity carried out are attached in Annexure-15.
6	The company shall comply with all the conditions stipulated vide Ministry's letter of even no. dated 10.6.2009. In future, in case of change in the scope of the project, the company shall obtain fresh environmental clearance.	Noted
	This issue with approval of the Competent Authority.	Noted


SN	CONDITIONS					COMPLIANCE STATUS
		(MW)				
	6.	Coal Based Captive Power Plant	18	21	39 MW	
4	The power requirement of 21 MW for the proposed expansion which will be met from the coal based captive power plant. D.G. sets (1x200 KVA and 1x500 KVA) will be used as a standby arrangement.					Power generation details are as Annexure 2 .
5	It is noted that to control the air emissions the unit will install Electro Static Precipitator to control air pollutants. The stacks will be attached to the air pollution control equipment to disperse the air pollutants to the satisfactory levels. Preventive maintenance of air pollution control equipment will be done regularly. A thick greenbelt is developed all around the plant boundary to act as noise attenuator. Water sprinkling will be done to control the dust emissions.					ESP is attached to stack of Power plant. Regular preventive maintenance of ESP is carried out and avoid major beak done. Green belt is developed. Water sprinkling is carried out regularly.
6	The total water requirement for the proposed expansion will be 3291 m ³ /day, which will be met through Canal water. The wastewater generation is 1350.6 m ³ /day which will be treated in the Effluent Treatment Plant.					The water requirement & waste water generation is within permissible limits. Water Consumption and wastewater generation details are enclosed in Annexure 4 . Permission from irrigation department is shown in Annexure 5 .
7	It is noted that all hazardous wastes will be handled carefully and stored in scientifically designed and constructed hazardous waste storage area within the premises. The empty containers of hazardous raw materials and Used/spent oil will be sent to GPCB registered dealer. The ETP sludge shall be sent to TSDF site for disposal through covered vehicle and process waste shall be sold to end-users.					Separate hazardous waste storage area is prepared. Details waste generation shown in Annexure 9 . Membership certificate of TSDF of M/s. BEIL are already obtained which is attached as Annexure 7 .
8	All the manmade fibres manufacturing (Rayon) are listed at S. No. 5(d) under Category 'A' of the Schedule of EIA Notification, 2006 and appraised at the Central level.					Noted
9	The proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 4 th meeting held during 8-9 th January, 2013. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions. Public Hearing / Public Consultation meeting was conducted by the Gujarat Pollution Control Board on 7.6.2012.					Noted
10	Based on the information submitted by you, presentation made by you and your consultant M/s En-vision Enviro Engineers Ltd., Surat, 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 strict compliance of the following Specific and General conditions:					Noted

SN	CONDITIONS	COMPLIANCE STATUS						
A.	SPECIFIC CONDITIONS:							
i.	Electro Static Precipitator shall be installed to control particulate emission from the coal fired heater. The gaseous emissions from the coal fired heater shall be dispersed through stack of adequate height and emissions shall conform to the prescribed standards.	ESP is installed at CFH, the stack emission details are shown in Annexure 6 .						
ii.	The sulphur and ash content in the coal to be used in the captive power plant shall not exceed 0.5% and 6-8% respectively. The Gross Calorific Value of coal shall not be less than 3900 kcal/kg. In case of variation of coal quality at any point of time, fresh reference shall be made to the Ministry for amendment of the condition, whenever necessary.	We ensure of using coal with specified Sulphur and ash content. Coal with less than 3900 Kcal/Kg GCV will not be used.						
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30 th May, 2008 and regularly monitored. Guidelines/ Code of Practice issued by the CPCB should be followed.	<p>The location of ambient air quality monitoring stations had been decided with GPCB consultation. One up wind, one downwind and one maximum ground level concentration stations were selected for AAQM monitoring. The same had been shown to authority like SPCB, CPCB & MoEF during their visit to our factory.</p> <p>M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.</p> <p>Results of AAQM monitoring test reports have been attached.</p> <p>Workplace emission monitoring and results are shown in Annexure 8.</p>						
iv.	The total water requirement shall not exceed 3291 m ³ /day and permission shall be obtained to draw the canal water from the State irrigation department.	The water requirement is within permissible limits. Water Consumption details are enclosed in Annexure 4 . And also, permission from irrigation department is shown in Annexure 5 .						
v.	The process effluent shall be treated in the effluent treatment plant. After primary and secondary treatment, the treated effluent shall be discharged into Kadodara, Khadi through pipeline after confirming to the prescribed standards. Water from polystaple fibre unit shall be used for green belt development.	<p>Noted & Complied.</p> <p>Details of characteristics of raw effluent and treated effluent are shown in Annexure 3.</p>						
vi.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	<p>Noted & Complied.</p> <p>Two recharge wells are provided for rainwater harvesting system and ground water recharge.</p>						
vii.	Risk & Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.	Noted & Complied.						
viii.	As proposed, green belt shall be developed in 33 % of the total land area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<p>Green belt development has been done in the project area. Around 1900 numbers of trees were planted within and outside the premises. Photographs of green belt developed within the premises has been Attached in Specific Condition of EC dated 2008. Details of Number of trees Planted in Following years:</p> <table border="1"> <thead> <tr> <th>Sr. No</th><th>Year</th><th>No of Trees</th></tr> </thead> <tbody> <tr> <td>1.</td><td>2012</td><td>180</td></tr> </tbody> </table>	Sr. No	Year	No of Trees	1.	2012	180
Sr. No	Year	No of Trees						
1.	2012	180						

SN	CONDITIONS	COMPLIANCE STATUS		
		2.	2013	280
		3.	2014	380
		4.	2015	580
		5.	2016	580
ix.	Occupational health surveillance of the workers should be carried out as per the prevailing Acts and Rules.	Regular occupational health surveillance is carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure 14 .		
x.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	Noted and complied. Details for CSR activity carried out are attached in Annexure-15 .		
xi.	The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Necessary infrastructure was provided during construction phase.		
B. GENERAL CONDITIONS:				
i.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 should be followed.	Noted & Complied		
ii.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board and the State Government.	Noted & Complied		
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted		
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/CPCB once in six months.	Data on ambient air quality and stack emission are shown in Annexure 10 and Annexure 6 , respectively. M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory, [NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.		
v.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	The final treated effluent is sent to Kadodara Khadi as per prescribed norms of GPCB. Analysis report for raw and treated effluent and ETP sludge is enclosed as Annexure 3 . M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.		
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA	Noise monitoring within premises at different location was carried out and results are shown in Annexure 11 . M/s. En-Vision Environmental Services, Surat is appointed NABL accreditation Testing laboratory,[NABL Certificate No.TC – 5304] & Validity is-23/02/2019 till 22/02/2022 and also Renewal assessment has Completed and awaiting for Renewal NABL accreditation Certificate.		

SN	CONDITIONS	COMPLIANCE STATUS
	(nighttime).	
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular occupational health surveillance is carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure 14 .
viii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Two recharge wells are provided for rainwater harvesting system and ground water recharge.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	Noted and complied for detail of CSR activity carried out is attached in Annexure-15 .
x.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.	Noted & Complied
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Noted & Complied
xii.	The project proponent shall upload the status of compliance of the stipulated environment 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 the MOEF at Bhopal. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical Sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>Regular compliance statuses are sent to concern authorities. Display board is placed visible to general public. Status of every Compliance of the stipulated environmental clearance conditions including result of monitored data is uploaded Regular Basis on Garden Vareli Website named www.gardenvareli.com</p> 
xiii.	The project proponent shall also submit six monthly reports on the status of the	Regular compliance statuses are sent to concern authorities.

SN	CONDITIONS	COMPLIANCE STATUS
	compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal / CPCB / SPCB shall monitor the stipulated conditions.	
xiv.	The environmental statement for each financial year ending 31 st March in Form-V, as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhopal by e-mail.	Latest Environmental Statement (Form V) is attached as Annexure 12.
xv.	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 and may also be seen at Website of the Ministry of Environment and Forests 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 should be forwarded to the regional office at Bhopal.	<p>Complied</p> <p>Already advertisement has been given in local newspaper.</p> <p>Complied.</p> <p>Already advertisement has been given in local newspaper.</p> <p>Complied.</p> <p>Please find copy of EC advertisement as below;</p> <p>1. English Newspaper</p>  <p>2. Gujarati Newspaper</p> 
xvi.	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	Complied. Details already submitted. CA certificate for the same is enclosed as Annexure 16.

SN	CONDITIONS	COMPLIANCE STATUS
	date of commencing the land development work.	
10.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
11.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed
12.	The above conditions shall 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 and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Noted

LIST OF ANNEXURE

ANNEXURES	PARTICULARS
Annexure – 1	Copy of valid CC&A and CTE
Annexure - 2	Production details for Last Six Months
Annexure - 3	ETP, Raw and Treated Water Analysis Report
Annexure - 4	Fresh Water Consumption and Effluent Generation for Last Six Months
Annexure - 5A	Water permission from Canal Water & CGWA for Ground water
Annexure - 5B	CGWA NOC
Annexure - 6	Stack Monitoring Reports
Annexure - 7	Membership certificate with BEIL, Ankleswar
Annexure - 8	Analysis report of Workplace Air Monitoring
Annexure - 9	Solid waste generation in last six months & ETP sludge analysis report
Annexure - 10	Ambient Air Quality and Ground Water Monitoring Report in study area
Annexure - 11	Noise monitoring report
Annexure - 12	Environment Statement (Form-V)
Annexure - 13	Policy for Corporate Environment Responsibility
Annexure - 14	Certificate of Occupational Health Surveillance
Annexure - 15	CSR project and its details
Annexure - 16	CA certificate financial closure

ANNEXURE - 1



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

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 6(2) of the Hazardous And Other Waste (Management and Transboundary) Rules, 2016 framed under the Environmental (Protection) Act-1986, This Board is empowered to Grant CC&A.

And whereas Board has received consolidated consent application letter no. 185241 dated 08-01-2021 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. Garden Silk Mills Ltd. (Cp Div.)
Plot no: 196,197, 124/A, 202-5, 225/7, 229, 230,
Jolwa-394705,
Tal: Palsana, Dist: Surat.

1. Consent Order No. AWH-113457 Date of issue: 28-06-2021.
2. The consents shall be valid upto 07-01-2026 for the use of outlet for the discharge of treated effluent and emission due to operation of industrial plant for manufacturing of the following items' products:

Sr. No.	Product	Total Quantity
1)	Polyester Chips	3,33,524 MT/Year
2)	Polyester Filament Yarn	
a)	FDY	89,788.8 MT/Year
b)	POY	2,28,192 MT/Year
3)	By Product Degraded Polymer (oligomer)	38 MT/Year
4)	Nylon Filament Yarn	7328 MT/Year
5)	By Product Nylon Yarn Waste	367.2 MT/Year
6)	Power	
a)	(1) N.G. Based Power Plant (Phase I & II)	13,490 MW
	(2) N.G. Based Power Plant (Phase III)	8.4 MW
b)	Coal Based Power Plant	39 MW

M/s. Garden Silk Mills Ltd. (Cp Div.)(ID-20700)

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Subject to specific condition:

1. You shall comply with MOEFCC notification no GSR 243(E) dated 31/03/2021 as committed vide letter no: DC/GSML/EC 21-22/09, dated: 08/06/2021.
2. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
3. As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by "refused derived fuel".
4. Industry shall obtain NOC from (CGWS) as per order of Hon. National Green Tribunal for the withdrawal of ground water.
5. Industry shall provide dedicated storage facility for fly ash.
6. Industry shall comply with fly ash notification 1999 as amended from time to time.

3. CONDITIONS UNDER THE WATER ACT:

- 3.1. Source of Water: Borewell.
- 3.2. The quantity of the water consumption for industrial purpose shall not exceed 10065 KL/Day.
- 3.3. The quantity of the fresh water consumption for domestic purpose shall not exceed 99 KL/Day.
- 3.4. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed 1,36.4 KL/Day.
- 3.5. The quantity of domestic waste water shall not exceed 76 KL/Day.
- 3.6. The applicant shall operate effluent treatment system efficiently so that treated effluent from the industrial unit shall conform to the norms mentioned below:

PARAMETERS	GPCB NORMS
PH	6.5 TO 8.5
Temperature	40 °C
Colour (Pt.Co unit) in litre	100 units
Suspended Solids	400 mg/l
Oil and Grease	10 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20 °C)	50 mg/l
COD	100 mg/l
Total Dissolved Solids	2100 mg/l

- 3.7. The final treated industrial effluent conforming to the above standards shall be reused up to maximum extent & remaining shall be discharged into Kadodara Khadi through closed pipeline up to final discharge point. The applicant shall provide storage tank of adequate capacity to store treated effluent during rainy season for at least 7 days.
- 3.8. Domestic effluent shall be disposed off through septic tank-soak pit system.



GUJARAT POLLUTION CONTROL BOARD

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4. CONDITIONS UNDER THE AIR ACT:

4.1. The following shall be used as a fuel.

Sr. No.	Fuel	Quantity
1	Coal	1449 MT/Day
2	Natural Gas	16,50,792 SM ³ /Month
3	Lubricating Oil	0.340 MT/Day
4	Furance Oil	210 KL/Day

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

4.3. The flue gas emission through stack attached to Coal fired heater, steam boiler & Others shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control System	Parameters	Permissible Limit
1	Coal fired Heaters – PSF-I No.	45	Electrostatic Precipitator	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2	Coal fired Heaters – CP 4/5-I No. with WHRB	52	Electrostatic Precipitator	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
3	Steam Boiler (93 TPH, (90 TPH)	81 (common stack)	Electrostatic Precipitator	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
4	Steam Boiler (1 & 2)	32	NA	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
5	Thermopack-3 nos.	52	NA	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
6	Heat Transfer Fluid 3 nos.	52	Cyclone + Scrubber	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
7	Gas Engine & WHRB 1	30	NA	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
8	Gas Engine & WHRB 2	30	NA	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
9	Gas Engine & WHRB 3	30	NA	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
10	Coal Fired	45	ESP	Particulate Matter	150 mg/NM ³

M/s. Garden Silk Mills Ltd. (C.P. Div.) (ID-20700)

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	Heaters (2 nos.)		SO ₂	100 ppm
			NO _x	50 ppm
11	Thermopack (Common Stack for 3 nos.)	52	NA	Particulate Matter
			SO ₂	150 mg/NM ³
			NO _x	100 ppm
				50 ppm

- 4.4. There shall be no process emission from 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/Lignite & fly ash.
- 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. 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(s) other than the stack/vent(s) shall not exceed the following levels.

PARAMETERS	PERMISSIBLE LIMIT
PM 10	100 Microgram/m ³
PM 2.5	60 Microgram/m ³
SO ₂	80 Microgram/m ³
NO _x	80 Microgram/m ³

- 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. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. AUTHORIZATION as per HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY) RULES, 2016 Form-2 [See rule 6 (2)]

Form for grant of authorization for occupier or operator handling Hazardous waste

5.1 Authorization order No:- AWH-113457 date of Issue: 28-06-2021.

5.2 M/s. Garden Silk Mills Ltd. (Cp Div.) is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot no: 196, 197, 124/A, 202-5, 225/7, 229, 230, Jolwa-394705, Tal: Palsana, Dist: Surat.

Sr. No	Waste	Quantity MT/Year	Schedule-I/ Category	Facility
1	ETP Waste	180.6	34.3	Collection, Storage, Transportation and disposal at GPCB authorized TSDF Site.
2	Used Oil	5.25	5.1	Collection, storage, transportation and disposal by selling to Registered re-refiners.
3	Empty barrels/containers liners contaminated with hazardous chemicals wastes	72.9	33.1	Collection, storage transportation and disposal to authorized decontaminator

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M/s. Garden Silk Mills Ltd. (Cp Div.) (H-20700)



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

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5.3 The authorization shall be valid up to 07-01-2026.

5.4 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.

5.5 The authorization is granted to operate a facility for collection, storage within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no.5.2 to the industry having valid CCA of this Board.

6. TERMS AND CONDITIONS OF AUTHORISATION

1. The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
3. The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
4. 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.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Wastes and Penalty".
7. It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous Waste and Other Waste Rules, 2016.
9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
11. The hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.
15. Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.
16. In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.
17. As per "Public Liability Insurance Act-91" company shall get Insurance Policy, if applicable.
18. Empty drums and containers of toxic and hazard material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.

M/s. Garden Silk Mills Ltd. (Cp Div.)(ID-20700)

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19. In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State of Union Territory Administration where the facility exists.
20. Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Actions taken in this regard shall be submitted within three months and also along with Form-4.
21. Industry shall have to display the relevant information with regards to hazardous waste as indicated in the Hon. Supreme Court's Order in W.P. No.657 of 1995 dated 14th October, 2003.
22. 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 wastewater and air emissions and solid hazardous wastes generated within the factory premises.

7. GENERAL CONDITIONS:-

- 7.1. Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 7.2. Applicant shall also comply with the general conditions given in annexure I.
- 7.3. Whenever due to accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body.
- 7.4. In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 7.5. The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 7.6. The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 7.7. The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 7.8. 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.
- 7.9. Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

8. SPECIFIC CONDITIONS:-

- 8.1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
- 8.2. Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry in the passbook of the actual user.



GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

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Website : www.gpcb.gov.in

- 8.3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
- 8.4. The occupier of the facility shall comply Standard operating procedure/guidelines published by MOEF&CC or CPCB or GPCB from time to time.
- 8.5. Unit shall comply provisions of E-Waste Management Rules-2016.
- 8.6. The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.
- 8.7. The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding **ninety days**. Prior permission of the Board shall be obtained for extension of the storage period.
- 8.8. The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection.
- 8.9. The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.

For and on behalf of
Gujarat Pollution Control Board

(G.H.Trivedi)

Deputy Chief Environmental Engineer
Date:-

NO: GPCB/CCA-SRT-863(9)/ID-20700/

Issued to:

M/s. Garden Silk Mills Ltd. (Cp Div.)

Plot no: 196,197, 124/A, 202-5, 225/7, 229, 230,
Jolwa-394705, Tal: Palsana, Dist: Surat.

M/s. Garden Silk Mills Ltd. (Cp Div.)(ID-20700)

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ANNEXURE – 2 PRODUCTION DETAILS FOR LAST SIX MONTHS

SN	PRODUCT	NAME OF THE MONTH					
		April 2022	May 2022	June 2022	July 2022	August 2022	September 2022
1.	Polyester Chips(MT)	15657.88	16235.53	14987.91	17386.86	17245	16069.95
2.	POY(MT)	8340.15	7962.57	6114.10	7415.54	8614.46	8652.92
3.	FDY(MT)	2324.92	2467.69	1037.69	2217.91	3253.84	3336.77
4.	Electric Power						
a.	1. N.G based Power Plant (Phase I & II)	0.056	0.465	0.027	0.000	0.000	0.015
	2. N.G based Power Plant (Phase III)	0.0004	0.475	0.028	0.000	0.000	0.03
b.	Coal Based Power Plant	31.140	25.674	17.875	21.620	29.235	30.081

ANNEXURE -3 ANALYSIS REPORT OF INLET AND OUTLET OF ETP

SN	Parameter	Unit	Limit (Outlet)	Results for Month					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date					
				April-22	April-22	April-22	April-22	April-22	April-22
1	pH	pH Unit	6.5 - 8.5	5.59	7.37	4.56	7.55	7.23	7.52
2	Temperature	° C	40	29.0	28.0	32.0	29.0	27.0	27.0
3	Color	Pt. Co Scale	100	90.0	80.0	80.0	75.0	75.0	60.0
4	Total Suspended Solids	mg / l	100	84.0	64.0	62.0	78.0	45.0	42.0
5	Total Dissolved Solids	mg / l	2100	2578	2010	1044	2016	1930	1988
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	1424	27.0	990	18.0	33.0	12.0
7	Chemical Oxygen Demand	mg / l	100	420	96.0	3264	64.0	112	48.0
8	Oil & Grease	mg / l	10	-	BDL	-	BDL	-	BDL
9	Ammonical Nitrogen	mg / l	50	-	BDL	-	BDL	-	BDL
10	Phenolic Compounds	mg / l	1.0	-	BDL	-	BDL	-	BDL
11	Chlorides (as Cl ⁻)	mg / l	600	799.75	589.9	269.91	579.84	399.87	589.81
12	Sulphate (as SO ₄ ⁺⁺)	mg / l	1000	267.99	296.26	109.99	298.93	349.86	424
13	Sulphide (as S ⁻)	mg / l	02	-	ND	-	ND	-	ND
14	Hexavalent Chromium	mg / l	0.1	-	ND	-	ND	-	ND

SN	Parameter	Unit	Limit (Outlet)	Results for Month:					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date					
				July-22	July-22	July-22	July-22	July-22	July-22
1	pH	pH Unit	6.5 - 8.5	6.28	7.56	6.05	7.31	6.27	7.86
2	Temperature	° C	40	28.0	27.0	28.0	27.0	28.0	27.0
3	Color	Pt. Co Scale	100	80.0	65.0	90.0	60.0	75.0	60.0
4	Total Suspended Solids	mg / l	100	72.0	48.0	66.0	50.0	70.0	46.0
5	Total Dissolved Solids	mg / l	2100	1808	1956	698	1184	1816	2010
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	95.0	21.0	150	15.0	45.0	15.0
7	Chemical Oxygen Demand	mg / l	100	336	64.0	512	48.0	160	48.0

8	Oil & Grease	mg / l	10	-	BDL	-	BDL	-	BDL
9	Ammonical Nitrogen	mg / l	50	-	BDL	-	BDL	-	BDL
10	Phenolic Compounds	mg / l	1.0	-	BDL	-	BDL	-	BDL
11	Chlorides (as Cl ⁻)	mg / l	600	649.79	579.81	199.3	399.87	619.8	589.81
12	Sulphate (as SO ₄ ⁺⁺)	mg / l	1000	157.17	194.36	58.3	115.06	165.62	221.3
13	Sulphide (as S ⁻)	mg / l	02	-	ND	-	ND	-	ND
14	Hexavalent Chromium	mg / l	0.1	-	ND	-	ND	-	ND

ND –Not Detectable

BDL – Below Detection Limit

ANALYSIS REPORT OF FISH POND

SN	Parameter	Unit	Limit (Outlet)	Results		
				27.04.2022	27.05.2022	30.6.2022
1	pH	pH Unit	6.5 - 8.5	7.77	7.93	7.78
2	Temperature	° C	40	28.0	28.0	27.0
3	Color	Pt. Co Scale	100	60.0	60.0	60.0
4	Total Suspended Solids	mg/L	100	64.0	52.0	46.0
5	Total Dissolved Solids	mg/L	2100	1988	2042	2010
6	Biochemical Oxygen Demand for 3 days at 27 °C	mg/L	30	18.0	15.0	18.0
7	Chemical Oxygen Demand	mg/L	100	64.0	48.0	64.0
8	Oil & Grease	mg/L	10	BDL	BDL	BDL
9	Ammonical Nitrogen	mg/L	50	BDL	BDL	BDL
10	Phenolic Compounds	mg/L	1.0	BDL	BDL	BDL
11	Chlorides (as Cl ⁻)	mg/L	600	580	569.87	569.78
12	Sulphate (as SO ₄ ⁺⁺)	mg/L	1000	289.86	179.46	223.37
13	Sulphide (as S ⁻)	mg/L	02	ND	ND	ND
14	Hexavalent Chromium	mg/L	0.1	ND	ND	ND

ND – Not Detectable

BDL – Below Detection Limit

ANNEXURE – 4 Fresh water consumption and waste water generation (April 2022-September 2022)

PRODUCT	NAME OF THE MONTH(Avg.M ³ /Month)					
	April 2022	May 2022	June 2022	July 2022	August 2022	September 2022
Water consumption						
Production (CP) KL	98736	105308	114634	122734	143043	113681
Power Plant KL	82041	69481	54426	70940	86807	84170
Waste water generation						
Production (CP) KL	51685	60464	51925	57423	53094	38235
Power Plant KL	20352	18827	15869	20277	18633	15830

ANNEXURE – 5A WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

ગાઉન મીલ્સ લિમિટેડ, જામનગર, તા. પલસાણા, જિ. સુરત
ચલધાણ પ્રાંચની આરડી ૬૨.૩૫ પરથી પાણી ઉપાડવાની
તેમજ નહેરની સંપાદિત જમીનમાં નહેરને સમાતર પાછપલાઈન
પસાર કરવાની સૈદ્ધાંતિક પરવાનગી આપવા આવત.

ગુજરાત સરકાર

નર્મદા, જામનગર પંચિ. પાણી પુરવઠા અને કલાર સર વિભાગ,

ઠરાવ ક્રમાંક: ડબલ્યુટીઆર/૨૦૧૦/૧૧/પી

સચિવાલય, ગાંધીનગર

તા. ૨૨/૧૨/૨૦૧૦

તારીખ	10 DEC 2010
નંબર	91092
અ. ડી.	
કે. એ.	૭
અ. મ.	૫૧૧૦
કા. અ.	૧૦/૨

વંચાણે લીધાં:-

- (૧) અધીક્ષક ઇન્જનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતના પત્રો ક્રમાંક:
- (અ) સુસિંચ/પીબી-૨/ડબલ્યુટીઆર/ગાઉન સિલ્ક મિલ્સ/૪૩૮/૨૮૯૫, તા. ૫/૫/૨૦૧૦.
- (બ) સુસિંચ/પીબી-૨/ડબલ્યુટીઆર/ગાઉન સિલ્ક/૧૦૭૪/૬૬૭૭, તા. ૨૮/૧૦/૨૦૧૦.
- (૨) ગાઉન સિલ્ક મીલ્સ લિમિટેડનો કાર્યપાલક ઇન્જનેરશ્રી, સુરત નહેર વિભાગ, સુરતને સંબોધીને લખેલ તા. ૨૨/૧૦/૨૦૦૯નો પત્ર.

ઠરાવ:

સુરત સિંચાઈ વર્તુળ હસ્તકના કાર્યપાલક ઇન્જનેરશ્રી, સુરત નહેર વિભાગના કાર્યસૂચમાં ગાઉન સિલ્ક મીલ્સ લિમિટેડએ તેમની કંપનીના સુરત જિલ્લાના મોઢે: લેજવા, તા. પલસાણા, જિ. સુરત ખાતેના બ્લોક નં. ૨૦૨, ૧૯૬ પર આવેલ તેમના પ્લાન્ટ પાસેથી પસાર થતી ૧૨ આર સબ માઈનોર એસ ચલધાણ પ્રાંચમાંથી પોલીએસ્ટર વાનના ઉત્પાદન અર્થે વાર્ષિક ૫૨૫૦૦૦ ઘન મીટર પાણી આપવા માટે સંદર્ભ (૨) સામેના પત્રથી માંગણી કરેલ. જે સંબંધે અધીક્ષક ઇન્જનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરત એ સંદર્ભ (૧) સામે દર્શાવેલ પત્રોથી રજૂ કરેલ અભિપ્રાય અહેવાલમાં કંપનીના ઉક્ત સર્વે નંબરથી ૧૨૮૦ મીટર દૂર આવેલ ચલધાણ પ્રાંચની આરડી ૬૨.૩૫ પરથી દૈનિક ૧૪૩૮.૩૫ ઘનમીટર (૦.૩૧૬ એમ.છ.ડી) પાણી ઉપાડવાની પરવાનગી આપવા તેમજ તે પાણી ઉપાડવાના હેતુથી નહેરની સંપાદિત જમીનમાં નહેરને સમાતર પાછપલાઈન પસાર કરવાની પરવાનગી આપવા બલાગમ કરેલ.

૨. ઉક્ત કંપનીએ કરેલ માંગણી સંબંધે અધીક્ષક ઇન્જનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરત એ સંદર્ભ (૧) મામે દર્શાવેલ પત્રથી રજૂ કરેલ બલાગમ સહિતના અભિપ્રાય અહેવાલમાં દર્શાવેલ બાબતોને ધ્યાને લઈને, તે સંબંધે થયેલ વિચારણાને અંતે, ગાઉન સિલ્ક મીલ્સ લિમિટેડને કંપનીના ઉક્ત સર્વે નંબરથી ૧૨૮૦ મીટર દૂર આવેલ ચલધાણ પ્રાંચની આરડી ૬૨.૩૫ પરથી દૈનિક ૧૪૩૮.૩૫ ઘનમીટર (૦.૩૧૬ એમ.છ.ડી) પાણીની જથ્થો કંપનીના સ્વાખર્ચે ઉપાડવા માટે આ વિભાગના તા. ૩/૨/૨૦૦૭ના ઠરાવ ક્રમાંક: ડબલ્યુટીઆર/૨૦૦૭/૪૧/પી ની શરતોને આધીન તેમજ અધીક્ષક ઇન્જનેરશ્રીના પત્રમાં દર્શાવેલ વિગતો/શરતોનું ચૂરતપણે પાલન કરવાની શરત સૈદ્ધાંતિક મંજૂરી આપવામાં આવે છે.

પાણી ઉપાડવાની આ સૈદ્ધાંતિક પરવાનગી સંબંધે વાર્ષિક રીતે પાણી ઉપાડનાં પ્રદેશ નીચે દર્શાવેલ શરતોનું ચૂરતપણે પાલન કરવાનું હોય.

(૧) પાણી ઉપાડતાં પહેલાં ગામના સંસ્થાનું ઘોટરમીટર મુકવાનું રહેશે તેમજ તે ઘોટરમીટરનું દર વર્ષે કેલીબ્રેશન કરાવી લેવાનું રહેશે અને તે બાબતે વિભાગીય કચેરી કક્ષાએ નિયમિત ખરાઈ કરી લેવાની રહેશે.

(૨) આ સાથે સામેલ કરારનામાના મુસદ્દામાં, નીચે દર્શાવેલ બાબતોને ધ્યાને લઈને દિન-૧૫માં સહીસિક્કા કરાવી લેવાના રહેશે.

૧. કરાર કરતી વખતે મુસદ્દામાંની પાણી જગ્યાઓ તરત જ પૂરી લેવી.
૨. ઉક્ત કંપનીએ કરારનામા પર સહીસિક્કા કરવા માટે અધિકૃત કરેલ હોય તેવા અધિકૃત અને સક્ષમ અધિકારી સાથે જ સહીસિક્કા કરવાના રહેશે.
૩. અગ્રેયી મંજૂર કરવામાં આવેલ કરારનામાના મુસદ્દામાં સરકારશ્રીની પૂર્વમંજૂરી વિના કોઈપણ સુધારા/વધારા/ફેરફાર કરવા નહિ.
૪. સહીસિક્કા થયેલ કરારનામાની એક નકલ અગ્રે મોકલવી અને પ્રમાણિત કરવું કે સહીસિક્કા થયેલ કરારનામું સરકારે મંજૂર કરેલ મુસદ્દા મુજબ જ છે.

૩. ગાર્ડન સિલ્ક ગિલ્ડ લિમિટેડને પાણી ઉપાડવાની ઉક્ત સૈદ્ધાંતિક પરવાનગી સંબંધે તે પાણી ઉપાડવાના હેતુથી જ ચલધામણ પ્રાંચ નહેરની ૧૨ આર સબ માઈનોરની સંપાદિત જમીનમાં આરડી ૪.૨ થી ૧૨૮૦ મીટરની લંબાઈમાં નહેરને સમાંતર, કંપનીના સ્વખર્ચે પાઇપલાઈન પસાર કરવા નીચેની શરતોને આધીન સૈદ્ધાંતિક પરવાનગી આપવામાં આવે છે.

- (૧) ગુજરાત બહેર બાંધકામ નિયમ સંગ્રહમાં જણાવ્યા મુજબ તેમજ સરકારશ્રીના આ બાબતમાં વખતોવખતના પરિપત્રમાં જણાવેલ બાબતોને ધ્યાને રાખવાની રહેશે તેમજ પરિપત્ર ક્રમાંક: ડબલ્યુટીઆર/૧૦૮૭/૧૦૮૭/૨૨/પી. તા.૮/૪/૦૮ ની શરતોનું તેમજ સમાવેશે પ્રમાણિત મતી સૂચનાઓનું ચૂરતપણે પાલન કરવાનું રહેશે.
- (૨) નોટીફાઈડ થયેલ ન હોય તેવી નદીઓ માટે મહેસૂલ વિભાગનો સંપર્ક કરવાનો રહેશે. વિભાગ દ્વારા નોટીફાઈડ થયેલ ન હોય તેવી નદીઓના કોસિંગ માટે અગ્રેયી મંજૂરી આપી શકાય નહીં.
- (૩) સંબંધિત અધીક્ષક ઇન્જનેરશ્રીએ પધોખાની ચકાસણી કરીને વધ ઘટ કોસિંગ માટે અલગ દરખાસ્ત કરવાની રહેશે.
- (૪) સદર પાઇપ લાઈન કોસિંગ થી હયાત યોજના કે સૂચિત યોજના કે નહેરને કોઈ વિપરીત અસર થતી નથી તે બાબતની સક્ષમ કક્ષાએ ખરાઈ કરાવી લેવાની રહેશે.
- (૫) કોસિંગ ટીક વિગતવાર પરવાનગી અધીક્ષક ઇન્જનેરશ્રીએ નિયત પત્રકમાં જાપવાની રહેશે. તથા પરવાનેદાર સાથે જરૂરી કરારનામું પણ નિયત ફી લઈને અલગથી કરવાનું રહેશે.
- (૬) મધ્યસ્થ આલેખન તંત્રનો અભિપ્રાય મેળવવાનો રહેશે તેમજ મધ્યસ્થ આલેખન તંત્ર દ્વારા અપાયેલ સૂચનો/અભિપ્રાય ધ્યાને લઈ સલામતીની તમામ જવાબદારી સંબંધિત એજન્ડીની રહેશે.
- (૭) અધીક્ષક ઇન્જનેરશ્રીની દરખાસ્તમાં દર્શાવેલ શરતોનું પાલન કરવાનું રહેશે.
- (૮) સંબંધિત વિસ્તારમાં થનાર કોઈપણ વિકાસ કામ સહિતના કામો સંબંધે કોઈપણ કોસિંગનો ફટ બદલવાની જરૂર જણાય ત્યારે, ઉક્ત કંપનીએ તેના ખર્ચે અને જોખમે વિના વિલંબે ફટ બદલવાનો રહેશે, જે બાબતે સરકારશ્રીની કોઈપણ પ્રકારની જવાબદારી રહેશે નહીં. આ બાબતનો સ્પષ્ટ ઉલ્લેખ કરારનામામાં યોગ્ય રીતે કરવાનો રહેશે.

(દ) આ કોસિંગના તમામ સ્થળે જે તે કંપનીએ તેમની કંપનીના નામ, પાર્ટીપલાર્શનના પ્રકાર, પદાર્થ, લંબાઈ વગેરે સ્પષ્ટ લિખિતો દર્શાવતું બોર્ડ નક્કરરૂપ ન બને તે રીતે લગાવવાનું રહેશે.

ગુજરાતના રાજ્યપાલના હુકમથી અને તેમના નામે,



(વી.એન.પટેલ)

કિપસચિવા(જાળસંપત્તિ)

નર્મદા, જ.સં., પા.પુ. અને કલ્પસર વિભાગ

બિડાણ: હિપર નુજબ

પ્રતિ,

✓ અધીક્ષક ઇન્જનેરશ્રી,

સુરત સિંચાઈ વર્તુળ,

અઠવા લાઇન્સ, સુરત.

નકલ રવાના: (જાણ અને જરૂરી કાર્યવાહી અર્થે)

• કાર્યપાલક ઇન્જનેરશ્રી,

સુરત નહેરુ વિભાગ,

સિંચાઈ ભવન, અઠવા લાઇન્સ, સુરત.

• ડિરેક્ટર, ગાર્ડન સિલ્ક મિલ્સ લિમિટેડ, સદાશ ગેટ, સુરત. ૩૯૫ ૦૧૦.

• સિલેક્ટ ફાઇલ.

Garden Silk Mills Limited, Jolwa, Taluka Palsana, District Surat
Regarding permission in principle of parallel pipeline for lifting
water besides the canal in the acquired land for canal from
Chalthan Branch Ardi 62.35

GOVERNMENT OF GUJARAT

Narmada, Water, Water Quantity and Kalpasar Department

Resolution No. WTR/2010/11/P

Sachivalay, Gandhinagar

Date: 14.12.2010

1311/2010

Date 10 Dec 2010

No.- 1972

A.F.

A.M.18/12

Branch: PB-2

Read:-

(1) Superintendent Engineer, Surat Irrigation Circle, Surat Letter
No. (a) SSV/PB-2/WTR/Garden Silk Mills/438/2895 dt.

5.5.2010

(b) SSV/PB-2/WTR/Garden Silk/074/6677 dt. 28.10.2010

(2) Letter written by Garden Silk Mills Limited to Executive
Engineer, Surat Canal Region, Surat dt. 22.10.2009

Order:-

Garden Silk Mills Limited had asked to obtain 525000 cubic
meters of water per annum from 12 R Sub Minor Ex Chalthan
Branch canal for production of Polyester Yarn through a letter (2)
to Executive Engineer, Surat Canal Division under the Surat
Region of Irrigation Circle. With respect to it the Superintending
Engineer had sent his recommendations to allow lifting of 1438.35
Cubic Meter (0.36M.G.D.) per day from Chalthan Branch Ardi
about 1280 Meters away from the said company and to lay a
parallel pipeline in the land acquired for canal purpose.

2. Perusing the recommendations of the Superintendent
Engineer, Surat Irrigation Circle Surat Letter (1) and his opinion,
after discussion, subject to the conditions/details shown in the
letter of Superintendent Engineer, Surat permission in principle is
given to Garden Silk Mills Limited Company to lift 1438.35 Cubic
Metres (0.316 M.G.D) daily from Chalthan Branch RD 62.35
about 1280 meters at their own expenses vide Resolution dt.
3.2.2007 bearing No. WTR 2005/41 P.

Before lifting water actually by this permission following
conditions have to be strictly followed

(1) Before lifting water, water meter of recognized body must be installed and this water meter is to be calibrated each year and must be approved by the divisional office.

(2) Considering the following points the attached agreement is to be executed within fifteen days

- (1) At the time of agreements the blanks are to be filled.
- (2) Execution by the officer of the company is to be done by the authorized signatory only.
- (3) No changes are to be made in the agreement without prior permission of Government.
- (4) Certified copy of the agreement is to be sent here and it must be according to the draft sent by government.

3. Subject to conditions, Garden Silk Mills Limited is given permission in principle for laying a parallel pipe line from 4.2 RD to 1280 meters parallel to the canal from Chattran Branch Canal R. Sub-Minor from the acquired land, at their own expenses.

(1) Will have to keep in mind the provisions of Gujarat Public Construction Rules and the circulars of the State from time to time and will have to follow the conditions mentioned in Circular No. WTR/1097/1083/22/P dt.8.4.09 and the conditions that may be published then after.

(2) For the rivers not notified Revenue Department is to be contacted. For crossing the rivers not notified, permission cannot be given from here.

(3) After checking the line by concerned Superintending Engineer, a separate application must be given.

(4) It must be verified by competent levels that by this pipe line crossing no present or proposed plan is adversely affected.

(5) Superintending Engineer shall have to give separate permissions per crossings and will have to execute separate agreements for it by charging prescribed fee.

(6) Will have to obtain opinion of the Central Draft Commission and considering its opinion all the responsibility will be of the concerned agency.

(7) Will have to follow the conditions mentioned in the application to Superintending Engineer.

(8) If in this area if the crossing route is required to be changed then the above comp. co. shall have to do so at their

own expenses and Government will not be responsible in whatsoever way. This is to be specifically mentioned in the agreement.

(9) At all the crossings, company shall have to put up boards bearing name of company, nature of pipeline, length etc. such that it does not obstruct.

By and in the name of the Governor

SD/-

V.N.Patel

Deputy Sachive (Water Resources)

Narmada W., W.W and Kalpasar Department

Enclosures: As above

To
Superintending Engineer
Surat Irrigation Circle
Athwalines Surat

Cc: (For information)
Executive Engineer
Surat Canal Division
Sinchai Bhavan,
Athwa Lines Surat

Director Garden Silk Mills Limited, Sahara Gate
Surat 395010
Select File

MR. D. CHATTERJI

Regional Director

भारत सरकार

केन्द्रीय भूमि जल प्राधिकरण

जल सम्पादन मंत्रालय

Government of India
Central Ground Water Authority
Ministry of Water Resources

CGWA/IND/Prag/2011-1145

No.21-4(875)/WCR/CGWA/2011-1961

Dated :-

To,

M/s Garden Silk Mills Ltd
Garden Mills Compound
Sahara Gate, Surat- 395010
Gujarat

06 NOV 2011

06 NOV 2011

Sub:- NOC for ground water withdrawal by M/s Garden Silk Mills Ltd., (CP Division - Jolwa) in respect of their proposed expansion of polyester chips and filament yarn production and setting up of captive power plant (phase IV), at village Jolwa, Plot No. 202-5, 225-7, 229, 230, 196, 197 & 124 A, Tehsil Palsana, District Surat, Gujarat - reg.

Sir,

Kindly refer to your letter dated 25.9.2009 on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, West Central Region, Ahmedabad vide their office letter no. T/8(9)/WCR/CGWB/614-1462 dated 8.08.11 and further deliberations on the subject, the NOC of Central Ground Water Authority is hereby accorded to M/s Garden Silk Mills Ltd., (CP Division - Jolwa) in respect of their proposed expansion of polyester chips and filament yarn production and setting up of captive power plant (phase IV), at village Jolwa, Plot No. 202-5, 225-7, 229, 230, 196, 197 & 124 A, Tehsil Palsana, District Surat, Gujarat. The NOC is, however, subject to the following conditions:-

1. The firm may abstract 1675 m³/day (40 lpcd) of water in addition to the existing ground water withdrawal of 1140 m³/day and not exceeding the cumulative extraction of ground water at 4085800 m³/year through existing seven (7) and plan - (a) and (b) tubewells only. No additional ground water abstraction shall be permitted for any purpose without prior approval of the Authority.
2. The wells to be fitted with water meter by the firm at its own cost and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The ground water quality to

West Block - 2, Wing - 3, Sector - 1, R.K. Puram, New Delhi - 110066

Tel : 011-26175382, 26175373, 26175379 • Fax : 011-26175389

Website : www.cgwb.gov.in, www.mow.gov.in

रक्षाय सुविधि जल - सुन्दर सुरक्षित जल

CONSERVE WATER - SAVE LIFE

be monitored twice in a year during 2nd and 4th monsoon periods.

2. M/s Garden Silk Mills Ltd. shall co-ordination with the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad implement ground water recharge measures to the tune of 1,50,339 m³/year, for augmenting the ground water resources of the area.
3. The photographs of the recharge structures after completion of the same are to be furnished immediately to the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad for verification and under intimation to this office.
4. The firm at its own cost shall install piezometers at suitable locations and execute ground water regime monitoring programme in and around the project area on regular basis in consultation with the Central Ground Water Board, West Central Region, Ahmedabad.
5. The ground water monitoring data in respect of S. No. 2 & 5 to be submitted to Central Ground Water Board, West Central Region, Ahmedabad on regular basis at least once a year.
6. The firm shall ensure proper collecting and reuse of waste water after adequate treatment.
7. Action taken report in respect of S. No. 7 (iv) may be submitted to CGWB within one year period.
8. The permission is liable to be cancelled in case of non-compliance of any of the conditions given in this order.

(Signature)

Regional Director

Copy for information to:

1. The Director (J. A. Division) Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003
2. The Member, Secretary, Gujarat Pollution Control Board, Sector 10-A, Gandhinagar 362043, Gujarat
3. The Regional Director, Central Ground Water Board, West Central Region, Ahmedabad. This has reference to your letter no. T/819/WCR/CGWB/514-1482 dated 8.08.11.
4. TS to Chairman, Central Ground Water Board, Rajpal Bhawan, Faridabad

Regional Director

ANNEXURE – 5B CGWA NOC



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

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s. Garden Silk Mills Ltd. (op Div)		
Project Address:	Plot No.: 196,197,124/a,202-5,225/7,229,230,, Jolwa-394705, Tal: Palsana, Dist: Surat		
Village:	Jolwa	Block:	Palsana
District:	Surat	State:	Gujarat
Pin Code:			
Communication Address:	1 St Floor, Tuls: Krupa Arcade, Near Aai Mata Chowk,, Puna Kumbharia Road, Dumbal, Surat-395010, Palsana, Surat, Gujarat - 394705		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

- NOC No.: CGWA/NOC/IND/ORIG/2021/12877
- Application No.: 21-4/6175/GJ/IND/2020
- Category: Safe (GWRE 2017)
- Project Status: Existing Project
- NOC Type: New
- Valid from: 21/08/2021
- Valid up to: 20/08/2024
- Ground Water Abstraction Permitted:

Fresh Water		Saline Water		Dewatering		Total	
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year
6995.16	2553233.40						

9. Details of ground water abstraction /Dewatering structures

Abstraction Structure*	Total Existing No.:11						Total Proposed No.:0					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
	0	0	0	11	0	0	0	0	0	0	0	0

*DW- Dug Well, DCB-Dug-cum-Bore Well, BW-Bore Well, TW-Tube Well, MP-Mine Pit/MPu-Mine Pumps

- Ground Water Abstraction/Restoration Charges paid (Rs.): 12766167.00

- Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism:
- | No. of Piezometers | | Monitoring Mechanism | | |
|---------------------------------------|--|----------------------|--------|---------------------|
| | | Manual | DWLR** | DWLR With Telemetry |
| **DWLR - Digital Water Level Recorder | | 2 | 0 | 1 |

(Compliance Conditions given overleaf)

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

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jammagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 2338 2051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये जीवन बचाये
SAVE WATER - SAVE LIFE

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

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore well/tube wells / dug wells shall be collected during April/May every year and analysed in IABL accredited laboratories for basic parameters (cations and anions, heavy metals, pesticides/ organic compounds etc). Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in zone 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/ IABL 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 m³/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 30 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/orders or Court orders related to construction of tube wells/ground water abstraction structure / recharge or conservation structures/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top/rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises falling within which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) are yielding fresh water, the same shall be sealed and new tube well(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 water, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/ court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical, Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB 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 falling within 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.)

ANNEXURE – 6 STACK MONITORING DETAILS

Month: April-22

SN	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			28.04.2022	28.04.2022	28.04.2022
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	136	134	134
3	Average Flue Gas Velocity	m/sec	5.76	5.68	5.63
4	Suspended Particular Matter	mg/Nm ³	47.9	50.1	47.2
5	NO _x	ppm	12.0	13.0	9.0
6	SO ₂	ppm	24.4	25.7	24.4

Month: May-22

SN	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			27.05.2022	27.05.2022	27.05.2022
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	133	-	132
3	Average Flue Gas Velocity	m/sec	5.69	-	5.58
4	Suspended Particular Matter	mg/Nm ³	51.2	-	51.3
5	NO _x	ppm	11.0	-	11.0
6	SO ₂	ppm	27.1	-	27.1

Month: June-22

SN	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			30.06.2022	30.06.2022	30.06.2022
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	130	-	134
3	Average Flue Gas Velocity	m/sec	5.62	-	5.69
4	Suspended Particular Matter	mg/Nm ³	47.5	-	47.8
5	NO _x	ppm	10.0	-	10.0
6	SO ₂	ppm	26.4	-	29.4

Month: July-22

SN	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			29.07.2022	29.07.2022	29.07.2022
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	133	131	131
3	Average Flue Gas Velocity	m/sec	5.67	5.61	5.73
4	Suspended Particular Matter	mg/Nm ³	49.8	52.3	49.7
5	NO _x	ppm	10.0	12.0	11.0
6	SO ₂	ppm	21.7	23.4	27.9



BEIL INFRASTRUC
(Formerly Known As Bharuch Enviro Infrastructure Ltd)

REF: BEIL/ANK/2021

08TH JUL

To,
GARDEN SILK MILLS LTD. (C. P. DIVISION)
PLOT No.196,197,124/A, 202-5,225/7,229,230,
VILAGE: JOLWAM
TAL: PALSANA, SURAT.

Sub: Membership Certificate for Common Solid Waste Facility

Dear Sir,

We hereby certify that you have become member of the Solid/Hazardous Waste Disposal Facility developed by INFRASTRUCTURE LIMITED (Formerly Known as Bharuch Infrastructure Ltd)., at GIDC, Dahej. You have booked solid was **180.6 MT/ Year** (Original Booked Quantity **25 MT** + Increase **155.6 MT**). Your Membership No. is **OTH/503**.

Thanking you,

Yours faithfully,
For, BEIL Infrastructure Limited
(Formerly Known as Bharuch Enviro Infrastructure Ltd)

AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : BI
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co

ANNEXURE – 8 ANALYSIS REPORT OF AMBIENT AIR MONITORING

Month: 27.04.2022

SN	Parameter	Unit	Limit	Results		
				NEAR Main Gate	NEAR ETP	NEAR SILO PLANT
1	Duration of Survey	hours	-	24	24	24
2	PM ₁₀	microgram / m ³	100	69.6	62.7	66.4
3	PM _{2.5}	microgram / m ³	60	38.7	33.6	38.2
4	NO _x	microgram / m ³	80	15.1	15.1	14.7
5	SO ₂	microgram / m ³	80	12.4	11.0	10.4

Month: 27.05.2022

SN	Parameter	Unit	Limit	Results		
				NEAR Main Gate	NEAR ETP	NEAR SILO PLANT
1	Duration of Survey	hours	-	24	24	24
2	PM ₁₀	microgram / m ³	100	66.8	-	-
3	PM _{2.5}	microgram / m ³	60	36.2	-	-
4	NO _x	microgram / m ³	80	16.4	-	-
5	SO ₂	microgram / m ³	80	13.7	-	-

Month: 30.6.2022

SN	Parameter	Unit	Limit	Results		
				NEAR Main Gate	NEAR ETP	NEAR SILO PLANT
1	Duration of Survey	hours	-	24	24	24
2	PM ₁₀	microgram / m ³	100	-	61.3	-
3	PM _{2.5}	microgram / m ³	60	-	34.1	-
4	NO _x	microgram / m ³	80	-	17.1	-
5	SO ₂	microgram / m ³	80	-	11.9	-

Month: 29.7.2022

SN	Parameter	Unit	Limit	Results	
				NEAR Laboratory	
1	Duration of Survey	hours	-	24	
2	PM ₁₀	microgram / m ³	100	71.2	
3	PM _{2.5}	microgram / m ³	60	37.8	
4	NO _x	microgram / m ³	80	16.4	
5	SO ₂	microgram / m ³	80	11.9	

ANNEXURE – 9 SOLID WASTE GENERATION IN LAST SIX MONTHS AND ETP SLUDGE ANALYSIS REPORT

DETAILS OF SOLID WASTE GENERATION: -

Sr. No.	Solid Waste Generation	Name of The Month					
		April 2022	May 2022	June 2022	July 2022	August 2022	September 2022
1.	Waste Oil (200 Litre Drum)	0	0	0	19	0	11
2.	Sweep PTA Waste (Kgs)	0	0	10090	0	0	0
3.	Catalyst Drum (Nos.)	480	350	320	420	478	455
4.	PP Liner (Kgs)	2560	2820	810	510	1200	2990
5.	Polymer Waste (Kgs)	160350	54350	114120	71130	51000	60060
6.	Chips Waste(Kgs)	0	0	0	7540	9280	0
7.	YARN Waste(Kgs)	153550	135620	177030	94940	85390	334000
8.	NYLON Waste(Kgs)	0	0	0	0	0	0
9.	Fly Ash (MT) for CP Div.	89.380	521.9	463.060	479.890	285.090	679.550
	Fly Ash(MT) for CPP Div.	1690.620	1533.479	1206.670	1218.47	1841.610	1964.140

DETAILS OF HAZARDOUS WASTE: -

SN	SOLID WASTE GENERATION	NAME OF THE MONTH					
		April 2022	May 2022	June 2022	July 2022	August 2022	September 2022
1.	ETP Sludge(MT)	3	2	3.5	2.5	3	3

ANALYSIS REPORT OF ETP SLUDGE: -

SN	Parameter	Unit	Month						ETP 1 & ETP 2	ETP CPP	ETP 1 & ETP 2		ETP CPP	ETP 1 & ETP 2		ETP CPP	ETP 1 & ETP 2		ETP CPP
			April 22	May 22	June 22	July 22	August 22	September 22			April 22	May 22	June 22	July 22	August 22	September 22	April 22	May 22	June 22
1	pH	--	7.23	7.41	7.24	7.36	7.32	7.32	7.23	7.56	7.41	7.38	7.16	7.36	7.32	7.32	7.23	7.41	7.38
2	Temperature	^o C	27.0	28.0	27.0	28.0	27.0	27.0	27.0	27.0	28.0	28.0	27.0	28.0	27.0	27.0	27.0	28.0	28.0
3	Total Dissolved Solids	gm / kg	18.0	22.0	18.0	14.0	18.0	18.0	18.0	17.0	22.0	14.0	18.0	13.0	22.0	22.0	18.0	14.0	18.0
4	Biochemical Oxygen Demand for 3 days at 27 ^o C	gm / kg	3.30	3.0	6.0	1.50	2.10	2.70	3.30	2.10	3.0	1.50	2.10	2.70	2.70	2.70	2.10	1.50	2.10
5	Chemical Oxygen Demand	gm / kg	9.60	16.0	12.0	4.80	6.40	8.0	9.60	6.40	16.0	4.80	6.40	8.0	8.0	8.0	6.40	4.80	6.40
6	Oil & Grease	gm / kg	BDL	BDL	BDL	ND	BDL	ND	BDL	ND	BDL	ND	ND	BDL	ND	ND	ND	BDL	ND
7	Phenolic Compounds	gm / kg	BDL	BDL	BDL	ND	BDL	ND	BDL	ND	BDL	ND	ND	BDL	ND	ND	ND	BDL	ND
8	Hexavalent Chromium as Cr ⁺⁶	gm / kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Total Chromium as Cr	gm / kg	BDL	BDL	BDL	ND	BDL	ND	BDL	ND	BDL	ND	ND	BDL	ND	ND	BDL	ND	ND
10	Annealing Loss	%	7.09	7.17	7.22	7.17	7.29	7.14	7.09	7.29	7.17	7.17	7.23	7.23	7.14	7.14	7.23	7.23	7.14

ND- Not Detectable

ANNEXURE – 10 AMBIENT AIR QUALITY AND GROUND WATER MONITORING REPORT IN STUDY AREA

Analysis report of Ambient Air Monitoring: -

Month --: 07.09.2022

SN	Location	Duration of Survey (Hours)	µg/m³																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			PM ₁₀	PM _{2.5}	NOx	SO ₂	PM ₁₀	PM _{2.5}	NOx	SO ₂																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	Project Site	8	68.1	36.3	16.4	10.7	70.3	38.4	16.4	11.1	71.8	37.6	17.4	11.7	72.8	38.7	17.4	11.2	67.3	35.4	17.7	9.8	67.3	34.2	15.9	8.90	72.4	40.7	16.7	13.9	66.8	34.1	15.9	8.40	63.6	30.1	14.4	7.90	64.6	34.2	16.7	7.40	67.9	36.7	16.4	10.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Analysis report of Ground Water Monitoring: -

Month: 05.09.2022

SN	Parameter	Unit	Location	
			Project Site	Jolwa
1	pH	pH Unit	6.67	6.94
2	Total Alkalinity	mg/L	110	90.0
3	Total Dissolved Solids	mg/L	958	778
4	Chemical Oxygen Demand	mg/L	8.0	8.0
5	Biochemical Oxygen Demand for 3 days at 27 °C	mg/L	3.0	3.0
6	Chloride	mg/L	79.9	69.87
7	Total Hardness	mg/L	220	190.0
8	Ca ⁺² Hardness	mg/L	130	120.0
9	Sulphate	mg/L	59.64	41.24

ANNEXURE – 11 ANALYSIS REPORT OF NOISE MONITORING: -**Month: 05.09.2022**

SN	LOCATION	DATE	TIME	RESULTS
1	GSML ADMIN BUILDING	05.09.2022	11:00 (Day Time)	59.5
			22:00 (Night Time)	54.1
2	CANTEEN	05.09.2022	14:00 (Day Time)	64.3
			23:00 (Night Time)	55.7
3	NEAR DG ROOM	05.09.2022	15:30 (Day Time)	64.3
			23:30 (Night Time)	57.5
4	CP- 4,5	05.09.2022	10:00 (Day Time)	58.7
			19:45 (Night Time)	55.4
5	CP-1,2	05.09.2022	11:00 (Day Time)	60.7
			21:10 (Night Time)	57.3
6	COOLING TOWER	05.09.2022	13:00 (Day Time)	63.6
			22:35 (Night Time)	59.4
7	GSML MAIN GATE (SH)	05.09.2022	14:00 (Day Time)	62.4
			22:00 (Night Time)	58.7
8	JOLWA	05.09.2022	15:50 (Day Time)	58.3
			23:00 (Night Time)	54.8

ANNEXURE – 12 ENVIRONMENT STATEMENT (FORM-V)

GARDEN SILK MILLS PRIVATE LIMITED

DC / GSMPL / EC 22-23 / 12 (Formerly GARDEN SILK MILLS LIMITED)

September 28, 2022
GPCB ID : 20700

The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector 10 – A,
Gandhinagar – 382 043

**SUB: SUBMISSION OF ENVIRONMENTAL STATEMENT (FORM-V) FOR THE
FINANCIAL YEAR 2021-2022 FOR CP DIVISION.**

Dear Sir,

Please find enclosed herewith the Environmental Audit Statement (Form-V) for the financial year ending with 31st March, 2022 for CP DIVISION.

Thanking you,

Yours faithfully,
For M/s. GARDEN SILK MILLS PVT. LTD.
(erstwhile Garden Silk Mills Limited)
CP DIVISION – GPCB ID : 20700

Dehdutta Chatterjee
Sr. Vice President - Finance & Commercial

Encl: Form-V



*Garden**

FORM - V

(See rule 14)

From:

M/s. Garden Silk Mills Ltd. (CP Division)

PLOT NO.: 202-05, 225-7, 229, 230, 196, 197, & 124-A.

VILLAGE: JOLWA, TAL.: PALSANA,

DIST.: SURAT

To,

Member Secretary

Gujarat Pollution Control Board,

Paryavaran Bhavan

Sector: 10-A,

Gandhinagar 382 043

Environmental Statement for the financial year ending the 31st March 2022

PART: A

- i) Name and address of the Owner/Occupier of the industry, Operation or Process. : **M/s. GARDEN SILK MILLS LTD. (CP DIVISION)**
PLOT NO.: 202-05, 225-7, 229, 230, 196, 197, & 124-A, VILLAGE: JOLWA, TAL.: PALSANA,
DIST.: SURAT
- ii) Industry Category : **RED/LARGE**
- iii) Production Capacity Units (As per CC&A)
1. Polyester Chips (MT): 3,33,524 MT/year
 2. POY(MT): 2,25,192 MT/Year
 3. PDY(MT): 89788.8 MT/Year
 4. Electric Power
 - a. NG Based Power Plant (MW): 21.89 MW
 - b. Coal Based Power Plant (MW): 39 MW
- iv) Year of Establishment : **January, 2006**
- v) Date of the last environmental statement submitted. : **30/09/2021**



PART: B

Water and Raw Material Consumption

(1) Water Consumption in M³/Day.

Process + Washing:	280.88
Cooling + Boiler:	4594.24
Domestic:	66.57
Total (Industrial):	5041.69

Name of Products	Process water consumption per unit of product output	
	During the previous Financial year. (APR - 20 TO MAR - 21)	During the current Financial year. (APR - 21 TO MAR - 22)
	(1)	(2)
POLYESTER CHIPS, POY, FDY	2.00 M ³ /MT	0.26 M ³ /MT
NG & COAL BASED POWER PLANT (MW)	3.36 M ³ /MW	3.00 M ³ /MW

*Remarks: Only Process water has been considered. Water used for cooling, Boiler & domestic not considered.

(ii) Raw Material consumption

Name of Raw Materials	Name of products	Consumption of raw material per unit of output. (MT/MT)	
		During the previous Financial year. (APR - 20 TO MAR - 21)	During the current Financial year. (APR - 21 TO MAR - 22)
PTA (TEREPHTHALIC ACID)	POLYESTER CHIPS	1.307	0.716
MEG (MONO ETHYLENE GLYCOL)		0.0509	0.26
ANTIMONY		0.0024	0.000289
TiO2		0.00055	0.00149



PART: C

Pollution Discharge to Environment/unit of output

(Parameter as specified in the consent issued)

(i) Pollutants	Quantity of pollutants Discharged (Mass/Day)	Concentration of Pollutants in Discharges (Mass/Volume)	Percentage of variation from prescribed standards with reasons.
(a) Water	COD - 124.096 Kg/Day	COD: 79.34 mg/l	NIL
(b) Air	PM: 48.39 Kg/Day	PM: 61.2 mg/Nm ³	NIL

PART: D Hazardous Wastes

(As specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes		Total Quantity (MT)	
		During the previous Financial year: (APR - 20 TO MAR - 21)	During the current Financial year: (APR - 21 TO MAR - 22)
(a) From Process			
(b) From Pollution control facilities	1) ETP SLUDGE	13.56 MT/YEAR	21.1 MT/YEAR
	2) Used Oil	4.62 MT/YEAR	0.202 MT/YEAR
	3) Discarded Containers	2651 NOS/YEAR	9.42 MT/YEAR (3769 NOS/YEAR)



PART: E
Solid Wastes

	Total Quantity (kg.)	
	During the previous Financial year. (APR-20 TO MAR- 21)	During the current Financial year. (APR-21 TO MAR- 22)
(a) From Process	Nil	Nil
(b) From Pollution Control facilities	Nil	Nil
(c) (1) Quantity recycled or re-utilized within the unit	Nil	Nil
(2) Sold		
(3) Disposed		

PART: F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- ETP SLUDGE IS STORED IN HAZARDOUS WASTE STORAGE AREA AND FINALLY DISPOSED TO M/s. DEIL. DISCARDED CONTAINERS ARE STORED IN SEPARATE IDENTIFIED AREA AND SELLING TO ACTUAL END USERS. USED OIL IS STORED IN SEPARATE STORAGE AREA AND DISPOSED TO REGISTERED REFINERS.
- FOOD WASTE GENERATED FROM CANTEEN ARE DISPOSED THROUGH LOCAL AUTHORIZED VENDOR AS PER THE GUIDELINE

PART: G

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

- WE HAVE PROVIDED ADEQUATE GREEN BELT AREA ACROSS THE SITE AND NEW PLANTATION ARE DONE ON PERIODIC BASIS.
- TREE TRANSPLANTATION OF APPROX 200 TREES DONE AT OUR SITE BY REPLANTING FULL GROWN TREES FROM ONE LOCATION TO ANOTHER WITHIN THE SITE. THIS WAS REQUIRED DUE TO THE EXPANSION PROJECT UNDER PRODUCT MIX
- MONTHLY ENVIRONMENT MONITORING FROM RECOGNISED AND APPROVED PARTY IS BEING CONDUCTED AT SITE TO ASSESS THE LEVEL OF POLLUTION
- ROOF TOP RAIN WATER HARVESTING WITH RECHARGE WELLS ARE PROVIDED

PART: H

Additional investment proposal for environmental protection including abatement of pollution.

ETP'S ARE BEING RENOVATED AND REVAMPING WORK STARTED FOR INCREASING THE EFFICIENCY OF ETP'S. APPROX COST - RS 2 CRORES



PART: I

Miscellaneous

Any other particulars for improving the quality of the environment.

- INTEGRATED HSE (HEALTH, SAFETY & ENVIRONMENT) POLICY FRAMED AND BEING IMPLEMENTED.
- SITE IS CERTIFIED TO ISO 9001 AND ISO 45001.
- SITE IS PROVIDED WITH WELL ESTABLISHED OHC WITH FULL TIME DOCTOR AND TRAINED NURSE WITH INHOUSE AMBULANCE.
- SITE IS UNDER ETS UNDER PHASE I INDUSTRIES AND EMISSION LEVELS ARE ALWAYS BELOW THE BENCHMARK HENCE FINANCIAL CREDIT IS OBTAINED BY SELLING THE PERMITS.
- ESP'S ARE INSTALLED IN COAL HEATERS WITH CEMS SYSTEM.
- NEW TREES ARE PLANTED PERIODICALLY TO IMPROVE AND UPGRADE THE GREEN BELT.
- ANNUAL MAINTENANCE CONTRACT GIVEN FOR MAINTENANCE AND UPKEEP OF EXISTING GREEN BELT.
- FULL FLEDGED FIRE FIGHTING TEAM AVAILABLE AT SITE WITH INHOUSE FIRE TENDER VEHICLE AND FIRE HYDRANT SYSTEM.
- WELL ESTABLISHED LAB FACILITY WITH INHOUSE CHEMIST AVAILABLE FOR DAY TO DAY ENVIRONMENT MONITORING JOBS.
- SEPARATE HSE DEPARTMENT WITH ENVIRONMENT MANAGER TO OVERSEE THE ENVIRONMENT MANAGEMENT SYSTEM.

Signature:



Name : DEBDUTTA CHATTERJEE

Designation :

Sr. Vice President, Finance & Commercial

Date: 19/09/2022

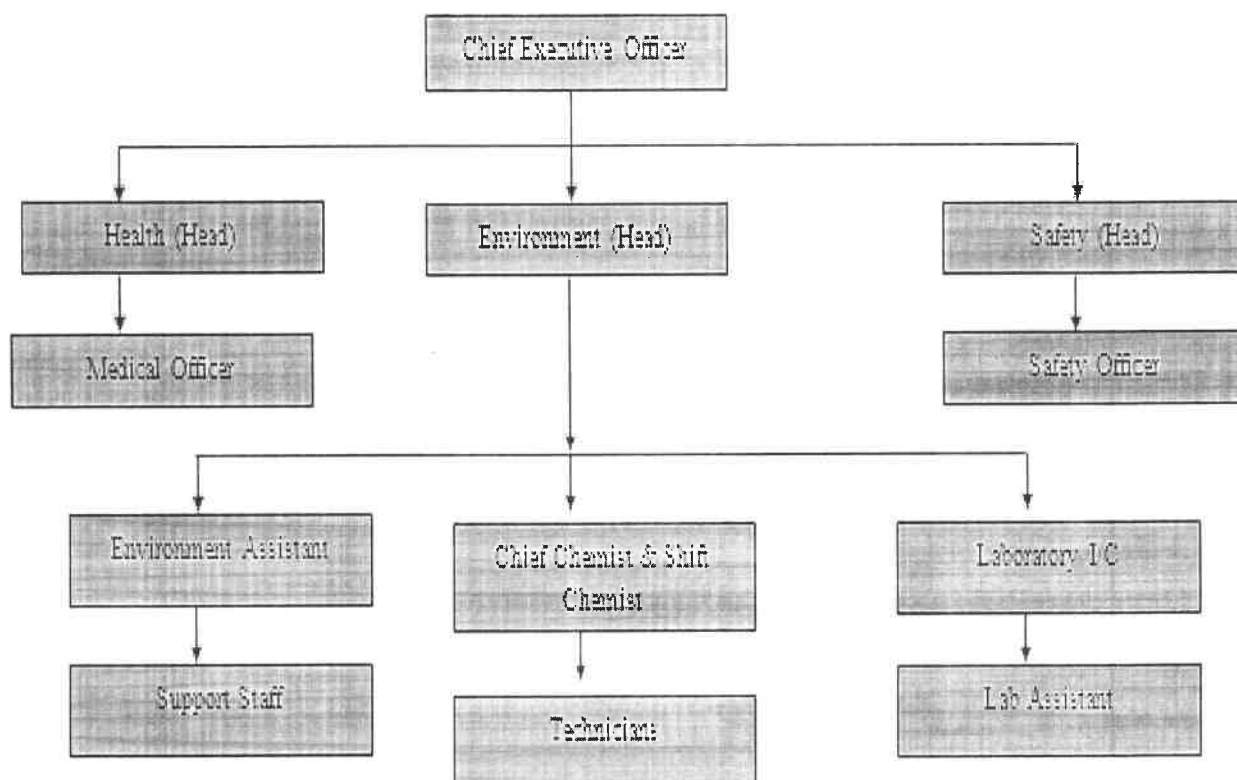
ANNEXURE – 13 POLICY FOR CORPORATE ENVIRONMENT RESPONSIBILITY

Garden Silk Mills limited is a long time established Corporate Entity in the premier Textile Manufacturing Hub of Gujarat i.e. Surat. It has got a long history of association with the city and its local population.

It undertakes socially responsible work on its own and works closely with the Gram Panchayats to cater to the social and infra-structural needs of the surrounding populace. The two villages nearby its location of the factories, i.e. Jolwa and Vareli have benefited by means of Employment, Social infra-structure and Environment Protective Activities of Garden Silk Mills Limited.

The following policy of Corporate Environment Responsibility has been formulated by Senior Management and is reflective of the Eco-sensitiveness owned by the Company.



I. Hierarchical Authority of Environment Management Committee.



II. STANDARD OPERATING PROCEDURE - EMP:

1. Every Environment Clearance (EC) and Consent should be discussed by the H.O. and Plant team immediately after issue of the same. Environment Consultant will participate in all such meetings. At the end of each meeting, the salient bullet points are to be brought to the notice of Unit Head and the Occupier Director.
2. All Capital and Revenue Expenses arising out of Environment Compliance will be budgeted by the Plant and vetted by the Environment Management Committee for final approval of Unit Head and the Occupier Director.
3. Test Results of Effluent Treatment Plants and Stack Emissions against various norms stipulated by EC and Consent shall be escalated by Utility Head to the Environment Consultant at pre-determined period.
4. Any departure from the norms as stipulated by Central and State Environment Bodies shall be escalated to the Committee, the Unit Head and the Occupier Director. All rectification actions shall be taken within fixed time limits after consensus within the body.
5. In any case, the Environment Management Committee will meet at regular intervals, which shall not be more than two months.
6. For all visits by Government Officials, it is the duty of the Plant to ensure that all inspections and checks go on smoothly. All the members of the Committee including H.O. members shall get involved in such inspections. Any points arising out of the inspections have to be informed to the Unit Head and closed within a fixed time limit.
7. It is the duty of the H.O. Coordinator and members of the Committee to ensure that Legal and Statutory Compliances are regularly done. Any departure should be brought to the notice of the Unit Head and the Occupier Director.

Issue Date: January 1, 2013
File Name: CER-1


 **Garden Occupation Health Center** 
Garden Silk Mills Ltd, Jolwa.

Date: 27/09/22

Patient Name: _____
Age: _____ Sex: _____
Address: _____
C/o: _____

Rx "To whomsoever it may concern"
This is to certify that we had examined
2224 employees of our company
Garden silk mills Pvt Ltd CCF division),
Surat for the year 2022

No occupational Disease was detected
for the above strength of employees,
for other non-occupational illnesses,
employees were advised as per requirement


FACTORY MEDICAL OFFICER
Dr. ANKIT N. PARMAR
(M.B.B.S., PGCM, FFM)
REG. NO. G-58184
Factory Medical Officer



Bipin J. Modi
B. Com. FCA, DISA
Alok A. Gandhi
M.Com, ACA

Bipinchandra J. Modi & Co.

Chartered Accountants

B.No. 18/A, Prakash Co-Op.Hsg.Society

B/h Intelligent Guidance Classes

Athwalines, Surat 395 001

Phone :- 2665349

Mobile : 9376822354/9099001224

Email : bjmodi@gmail.com

PAN : AAHFB2203M

STC No.: AAHFB2203MST001

CERTIFICATE

We refer to the Company's Expansion projects envisaging capacity expansion in 21 M.W. Coal Based Captive Power Plant, covered under EC F. No. J-11011/624/2010-IA 11 (I) Dated 10/05/2013.

The total project cost was Rs.75 Crores, which was financed by IDBI Bank's Term Loan of Rs.56.25 Crores and Internal Accruals of Rs.18.75 Crores.

The total expenditure incurred towards this project was Rs.78.04 Crores and the Term Loan availed from IDBI Bank was Rs.56.25 Crores and the balance amount of Rs.21.79 was brought from Internal Cash Accruals.

The projects have already commenced production.

The above have been verified on the basis of information and explanation given to us from the books of accounts maintained by the Company and found the same to be correct.

For BIPINCHANDRA J. MODI & CO.
Chartered Accountants,

Place : Surat

Date: 31st March, 2013

