



Dated: 05.05.2021

The Advisor,
Ministry of Environment, Forest and Climate Change
Regional office, Western Region
"Kendriya Paryavaran Bhavan"
Link Road No.3, Ravishankar Nagar
Bhopal-462016 (M.P)

Subject: Half Yearly Compliance Report of Environmental Clearance Compliance Report for period of "Oct-20 to Mar-21".

Dear Sir,

In view of above subject matter, Here, we are submitting the hard copy as well as soft copy of half yearly Environmental Clearance Compliance report along with copy of EC-2007, .No.J-11011/130/2006-IA II (I) Dtd: 15.01.2007 for the report period from "**Oct-20 to Mar-21**".

Hope, the same is in order.

Yours Faithfully,
(For Birla Cellulosic)

Dharmesh Patel
DH- Environment

Encl. :

1. EC Copy
2. EC-2007 Compliance report (**Oct-20 to Mar-21**)

CC To:

1. **GPCB Regional office** - Gujarat pollution control board, Plot No. 1501, GIDC, Ankleshwar
2. **GPCB Head office** - Gujarat pollution control board, Paryavaran Bhavan, CHH Road, Sector 10A, Gandhinagar, Gujarat 382010



Birla Cellulose
Fibres from nature

Grasim Industries Limited
Unit - Birla Cellulosic

Works : Birladham, Kharach Kosamba R.S.
Dist. Bharuch (Gujarat) - 394 120 INDIA
CIN : L17124MP1947PLC000410

Telephone +91 2646 270001-005, 270301-305
Fax +91 2646 270010, 270130
Email bc-kharach.info@adityabirla.com

Liaison Office : 11th Floor - 1101 & 1102 OCEAN, Opposite Vadodara Central Mall, Vikram Sarabhai Marg, Vadiwadi, Vadodara - 390023, Gujarat - India
Regd. Office : P.O. Birlagram, Nagda (MP) - 456 331. Phone : (07366) 246760-66, Fax : 255198, Website : www.grasim.com

F. No. J-11011/130/2006- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

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

E-mail : pb.rastogi@nic.in
Talefax : 011-24367668
Dated 15th January, 2007

To, ✓
Shri S.V. Kulkarni
Executive President
M/s Birla Cellulose
(A unit of Grasim Industries Ltd.)
Birladham, Kharach
Kosamba R.S. – 394 120
Bharuch, Gujarat

Fax No. : 02646-270010 / 270310, 0265-2339626.

Sub : Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA and Captive Power Plant (CPP) from 15 MW to 25 MW at Kharach, Hansot, Bharuch, Gujarat by M/s Birla Cellulose Ltd. (A unit of Grasim Industry Ltd.) – Environmental clearance reg.

Sir,

This has reference to your letter no. En/60-17/G/1702 dated 14th March, 2006 wherein you have submitted an 'Application' alongwith project documents including EIA/EMP report, Questionnaire, Risk assessment and Disaster Management Plan etc. seeking environmental clearance under the EIA Notification, 1994 and subsequent clarifications / additional information furnished vide your letters dated 4th May, 2006 and 14th June, 2006.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that proposal is for the expansion of existing Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA and Captive Power Plant (CPP) from 15 MW to 25 MW at Kharach, Hansot, Bharuch, Gujarat as per details given below :

S.N.	Product (s)	Capacity of the plant		
		Existing	Proposed	Total
1.	Viscose Staple Fibre (Main product)	60,000 TPA	67,750	1,27,750
2.	Sodium Sulphate (By product)	38,400 TPA	57,600	96,000
3.	Carbon-disulphide (CS ₂)	10,320 TPA	-	-
4.	Sulphuric acid	66,000 TPA	-	-
5.	Thermal Power Plant	15 MW	10 MW	25 MW

The existing plant is located in 242.81 ha. and no land will be required for the expansion project.

3.0 CS₂ condensers, CS₂ recovery system, cyclone separators, SO₂ scrubber, Sulphur recovery plant, ESP and dust collectors will be provided to control fugitive and gaseous emissions. Appropriate technology will be used to achieve the notified standards for CS₂ and H₂S. Total water requirement from River Kim will be 4.09 MGD (18,600 m³/d). No treated effluent will be discharged anywhere into surface / subsurface drains and / or into river Kim without prior approval from the GSPCB. Treated wastewater will be recycled and reused in the process or used for green belt development or for spraying coal/ash in power plant. ETP sludge and fly ash will be provided to cement and brick manufacturers respectively. Spent catalyst, Spent resin, Sulphur de-ashing sludge will be disposed off at TSDF of M/s Bharuch Enviro Infrastructure Ltd. at Ankleshwar, Bharuch, Gujarat. Waste oil will be sold to approved recyclers.

4.0 Public hearing meeting was held on 28th March, 2006. 'Consent to Establish' has been accorded by the Gujarat State Pollution Control Board (GSPCB) vide letter no. GPCB/BRCH/NOC-3241[CCA-295(4)]/10965 dated 19th April, 2006. Total cost of the project is Rs. 414.77 Crores.

5.0. 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:

A. SPECIFIC CONDITIONS :

- i. The gaseous emissions (SO₂, NO_x, HC) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- ii. The process emissions (SO₂ and CS₂) shall be scrubbed by the caustic or wet scrubber from all the stacks. Electrostatic Precipitators (ESPs) shall be installed to control gaseous emissions. CS₂ condensers, CS₂ recovery system & cyclone separators shall be installed to control Sodium sulphate dust. SO₂ scrubber, Sulphur recovery plant shall be installed to control SO₂ emissions. Vents from scrubbers and condensers shall be periodically monitored and maintained as per the best practicable technology. The company shall monitor the CS₂ and H₂S and data submitted to the Ministry.
- iii. The technology employed shall achieve standards notified by the Ministry for the Rayon Industry vide Gazette Notification No. 195 dated 16th October, 2006 regarding ambient air quality and stack emission norms for CS₂ and H₂S. A report shall be submitted every six months to the Ministry's Regional Office at Bhopal / GPCB / CPCB on the emission levels. Provision shall be made for retrofit additional equipment if necessary in future.
- iv. The industry shall measure ambient air quality for CS₂ and H₂S at the 3 ambient air quality monitoring stations set up in consultation with the GSPCB to ensure CS₂ and H₂S emissions not to exceed 100 ug/m³ and 150 ug/m³.
- v. Fugitive emissions in the work zone environment shall be periodically monitored with instruments of proper range and emissions shall conform to the standards prescribed by the GPCB. Action shall be taken to reduce the fugitive emissions in the work zone

environment as far as possible. Dust collectors shall be provided at transfer points to control fugitive emissions.

- vi. Total water requirement from River Kim shall not exceed 4.09 MGD (18,600 m³/d) as per the 'Permission' accorded by the Govt. of Gujarat. The wastewater shall be treated in the ETP through primary, secondary and tertiary treatment and disposed off in the pipeline of M/s Bharuch Environ Acqua Infrastructure Ltd. (BEAIL). Approval of the Gujarat Pollution Control Board shall be obtained for alteration in the routing of pipeline for disposal of effluent. The quality of the treated effluent shall conform to the standards prescribed by GPCB / EPA Rules. Efforts shall be made to recycle and reuse the treated wastewater in the process or used for irrigation, agricultural and horticultural purposes at the site. Treated effluent from captive power plant (CPP) shall be used for spraying coal/ash in power plant itself. No treated effluent shall be discharged anywhere into surface / subsurface drains and / or into river Kim without prior approval from the GPCB. Domestic wastewater shall be treated in STP and used for green belt development.
- vii. The solid waste shall be segregated according to its calorific content and stored separately for treatment and disposal. Spent catalyst, Spent resin, Sulphur de-ashing sludge shall be disposed off at TSDF of M/s Bharuch Enviro Infrastructure Ltd. (BEAIL), Ankleshwar, Gujarat. ETP sludge shall be provided to cement manufacturers and properly disposed off and fly ash shall be provided to brick manufacturers. Used / waste oil shall be sold to authorized recyclers / reprocessors.
- viii. Green belt of adequate width and density shall be developed in 70 ha out of the total 243 ha project area to mitigate the effect of fugitive emissions all round the plant. The development of green belt along the boundary wall, open space and avenue roads shall be provided in consultation with the local DFO as per the CPCB guidelines.
- ix. Rainwater shall be harvested to conserve the fresh water and recharge the ground water and an action plan shall be submitted to the Ministry.
- x. The project proponent shall comply with the environmental protection measures and safeguards recommended in EIA / EMP / Risk Analysis reports as well as the recommendations of the public hearing panel.
- xi. The Company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to the GPCB within three months of receipt of this letter for approval.
- xii. As mentioned in EIA/EMP, Rs. 20.56 Crores and Rs. 6.27 Crores earmarked towards the capital cost and recurring cost/annum respectively for the environmental pollution control measures shall be used exclusively to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government. A time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Bhopal. The funds shall not be diverted for any other purposes.

B. GENERAL CONDITIONS :

- i. The project authorities must strictly adhere to the stipulations made by the Gujarat State Pollution Control Board (GPCB) and the State Government.
- 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 adequacy of the conditions imposed and to add additional environmental protection measures required, if any.
- iii. Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the GPCB. Regular monitoring shall be carried out for relevant parameters.
- iv. The project authorities must strictly comply with the rules and regulations under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000. Prior approvals of Chief Inspector of Factories, Chief Inspector of Explosives, Fire Safety Inspectorate etc. must be obtained.
- v. The project authorities 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, 2000. Authorization from the GPCB must be obtained for collection, storage, treatment and disposal of hazardous wastes.
- 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 shall conform to the standards prescribed under the Environment (P) Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vii. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, specifically for those engaged in handling hazardous substances. First aid facilities in the Occupational Health Care Centre shall be strengthened and medical records of each employee shall be maintained separately.
- viii. A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and monitoring functions.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.
- x. The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bhopal / GPCB / CPCB. A six monthly compliance status report should be submitted to monitoring agencies.
- xi. The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Gujarat Pollution Control Board / Committee and may also be seen at Website


of the Ministry and Forests at <http://envfor.nic.in>. The advertisement shall be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the Ministry's Regional Office at Bhopal.

- xii. 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 land development work.

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

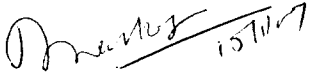
7.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

8.0. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P.B. Rastogi)
Additional Director

Copy to :

1. The Secretary, Department of environment and forests, Govt. of Gujarat, Gandhi Nagar, Gujarat.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (West), Link Road No. 3, E - 5, Arera Colony, Bhopal - 462 016, M. P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman Gujarat Pollution Control Board, Paryavaran Bhawan, Sector 10-A, Gandhi Nagar - 382 010, Gujarat.
5. JS (CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.


(Dr. P.B. Rastogi)
Additional Director

Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA

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Captive Power Plant (CPP) from 15 MW to 25 MW

Compliance of Environmental Clearance Conditions by

M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat

Name of Project : Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA & Captive Power Plant (CPP)

EC letter no. & Date : F.No.J-11011/130/2006-IA II (I) Dtd: 15.01.2007

Address for Correspondence : M/s. Birla Cellulosic (A Unit of Grasim Industries Ltd. Birladham, Village: Kharach, Kosamba (R.S.), Tehsil: Hansot, Bharuch (Gujrat) – 394120

Duration/Reporting period : Oct-20 to Mar-21

S. No.	Compliance conditions by MoEF & CC	Action Taken by Birla Cellulosic
A.	SPECIFIC CONDITIONS	
i.	The gaseous emissions (SO ₂ , NO _x , HC) and particulate matter from various process units shall confirm to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	<ul style="list-style-type: none">○ <u>Being complied.</u>○ The gaseous emissions (SO₂, NO_x) and particulate matter generates from power plant unit, CS₂, H₂S, SO₂ & acid mist gaseous emission generates from Spinning, CS₂ & Acid plant process which confirms to the standards prescribed by the concerned authorities from time to time.○ No HC is being emitted from Birla cellulosic.○ At no time, the emission levels exceed beyond the stipulated standards.○ There has been no event of failure of pollution control systems in the last six months.○ Moreover, Multiple gas sensors and alarm systems Inter-linking with the pollution control equipment /units provided so that early indication of malfunctioning can be detected and control measures can be taken accordingly. In case of any event of completely failure of pollution control equipment, the respective unit(s) is stopped.○ Vents from scrubbers & condensers are monitored periodically by the in-house laboratory (internal laboratory).○ Unit has appointed NABL accredited laboratory M/s. Pollucon laboratories for monthly monitoring of Stack concentration as well as ambient air quality.○ As per the monitoring conducted by their team, The results are well within the prescribed norms as per consent condition.

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Compliance of Environmental Clearance Conditions by

M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat

o A Summary for Flue gas emission from stack for the reporting period is given below:

Location	Boiler-1 & 2 (76 m)			Boiler-3 (86 m)			
Parameter	SPM	SO ₂	NO _x	SPM	SO ₂	NO _x	Mercury
Unit	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³
Limit	100	600	600	50	600	300	0.03
Oct-20	56.24	268	102	30.58	282	120	ND
Nov-20	42.86	293	108	34.23	272	110	ND
Dec-20	50.34	282	95	29.68	274	108	ND
Jan-21	58.78	279	107	36.24	291	111	ND
Feb-21	48.24	298	88	-	-	-	ND
Mar-21	54.37	257	73	30.52	273	130	ND

o A Summary for process gas emission from stack for the reporting period is given below:

Location	CS ₂ Plant	Spinning	Total	Acid plant I		Acid plant II	
Parameter	CS ₂			SO ₂	Acid Mist	SO ₂	Acid Mist
Unit	Kg/ToF			Kg/ToA	mg/Nm ³	Kg/ToA	mg/Nm ³
Limit	125			2	25	2	25
Oct-20	0.03	85.68	85.71	0.72	19.95	0.56	8.12
Nov-20	0.03	91.70	91.73	0.84	15.69	0.69	9.25
Dec-20	0.03	92.52	92.55	0.76	18.60	0.86	6.32
Jan-21	0.03	92.80	92.83	0.91	16.81	0.75	8.12
Feb-21	0.04	82.68	82.72	0.69	13.67	0.82	7.22
Mar-21	0.03	90.63	91	0.80	20.40	0.62	9.48

ii.

The process emissions (SO₂ and CS₂) shall be scrubbed by the caustic or wet scrubber from all the stacks. Electrostatic Precipitators (ESPs) shall be installed to control gaseous emissions. CS₂ condensers, CS₂ recovery system & cyclone separators shall be installed to control Sodium sulphate dust. SO₂ scrubber, Sulphur recovery plant shall be installed to control SO₂ emissions. Vents from scrubbers and

o **Complied.**

o The mitigation measures adopted to control emissions for CS₂/H₂S concentration in ambient air is given below.

S.no	Process	Emission	Mitigation Measures
1.	Sulphuric Acid Plant (2)	SO ₂	2 - Stage Alkali (Caustic)

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	condensers shall be periodically monitored and maintained as per the best practicable technology. The company shall monitor the CS ₂ and H ₂ S and data submitted to the Ministry.		nos.)		Scrubber
		2.	CS ₂ Plant	CS ₂ /H ₂ S	Sulphur Recovery system
		3.	Sulphur Recovery Plant	SO ₂	Alkali (Caustic) Scrubber
		4.	Spinning Machine (4 nos)	CS ₂	CS ₂ recovery system having a water scrubber and 3-stage condensers for recovering CS ₂ and Exhaust system connected with stack
		5.	Sodium Sulphate Recovery plant	Sodium Sulphate dust	Cyclone Separator & Water scrubber
		6.	Boiler	Gaseous Emission	ESP & Lime dosing system
iii.	The technology employed shall achieve standards notified by the Ministry for the Rayon Industry vide Gazette Notification No. 195 dated 16 th October,2006 regarding ambient air quality and stack emission norms for CS ₂ and H ₂ S. A report shall be submitted every six months to the Ministry's Regional Office at Bhopal / GPCB / CPCB on the emission levels. Provision shall be made for retrofit additional equipment if necessary in future.	<p>o <u>Complied.</u></p> <p>o The technology employed has already achieved standards notified by the Ministry for the Rayon Industry vide Gazette Notification No. 195 dated 16th October,2006 regarding ambient air quality and stack emission norms for CS₂ and H₂S.</p> <p>o Every six monthly compliance report is being submitted to Regional Office of MOEF & CC, Bhopal. Compliance report for the period of April-20 to Sept-20 was submitted on 10.11.2020.</p>			
iv.	The industry shall measure ambient air quality	o <u>Being complied.</u>			

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for CS₂ and H₂S at the 3 ambient air quality monitoring stations set up in consultation with the GSPCB to ensure CS₂ and H₂S emission not to exceed 100 µg/m³ and 150 µg/m³.

○ Unit has installed online 3 nos. of AAQMS system in plant premises in consultation with GPCB officers and 3 other AAQMS system installed at down wind direction area, which is regularly checking the parameters of CS₂, H₂S, SO₂, NO_x, PM₁₀ and PM_{2.5}.

○ A Summary for Ambient Air quality for the reporting period is given below:

Location	Average of AAQMS Station 1, 2 & 3					
Parameter	PM ₁₀	PM _{2.5}	SO ₂	NO _x	H ₂ S	CS ₂
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Limit	100	60	80	80	150	100
Oct-20	61.83	32.89	14.47	29.22	17.99	19.31
Nov-20	62.07	34.23	14.21	26.40	18.84	19.32
Dec-20	63.38	33.53	11.49	26.28	17.84	18.52
Jan-21	62.07	29.81	22.4	16.79	24.42	34.97
Feb-21	61.10	31.78	13.35	25.00	19.39	19.27
Mar-21	62.06	29.00	13.87	25.30	14.82	18.19

v. Fugitive emissions in the work zone environment shall be periodically monitored with instruments of proper range and emissions shall conform to the standards prescribed by the GPCB. Action shall be taken to reduce the fugitive emissions in the work zone environment as far as possible. Dust collectors shall be provided at transfer points to control fugitive emissions.

○ **Being complied.**
 ○ Regularly monitoring of fugitive emission of CS₂, H₂S and SO₂ in work zone environment is being done by an in house laboratory.
 ○ A Summary of Work area air quality for the reporting period is given below:

Area	CS ₂ (ppm)	H ₂ S (ppm)	SO ₂ (ppm)
Std. (As per GFR)	10	10	2
Refinery-CS ₂ Area	Min: 1.2 Max: 2.1 Ave: 1.6	Min: 1.2 Max: 2.3 Ave: 1.7	Min: 00 Max: 00 Ave: 00
Furnace-CS ₂ Area	Min: 1.3 Max: 2.1 Ave: 1.7	Min: 1.4 Max: 2.4 Ave: 1.8	Min: 00 Max: 00 Ave: 00
Rayon plant	Min: 1.4 Max: 3.4 Ave: 2.2	Min: 1.5 Max: 2.7 Ave: 2.0	Min: 00 Max: 00 Ave: 00

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		Spin Bath-Auxillary area	Min: 1.2 Max: 2.3 Ave: 1.7	Min: 1.4 Max: 2.3 Ave: 1.8	Min: 00 Max: 00 Ave: 00
		MSFE-Auxillary area	Min: 1.4 Max: 2.4 Ave: 1.8	Min: 1.4 Max: 2.4 Ave: 1.8	Min: 00 Max: 00 Ave: 00
		Anhydra-tion & Crystali-zation Auxillary	Min: 1.2 Max: 2.4 Ave: 1.7	Min: 1.2 Max: 2.4 Ave: 1.7	Min: 00 Max: 00 Ave: 00
		Acid plant	Min: 1.2 Max: 2.2 Ave: 1.6	Min: 1.5 Max: 2.5 Ave: 1.8	Min: 00 Max: 00 Ave: 00
		Xanthator-Viscose area	Min: 1.2 Max: 3.1 Ave: 1.9	Min: 1.3 Max: 2.5 Ave: 1.8	Min: 00 Max: 00 Ave: 00
		Ripening-Viscose area	Min: 1.2 Max: 2.9 Ave: 1.8	Min: 1.4 Max: 2.4 Ave: 1.8	Min: 00 Max: 00 Ave: 00
		Washing-Viscose area	Min: 1.2 Max: 2.8 Ave: 1.8	Min: 1.4 Max: 2.4 Ave: 1.9	Min: 00 Max: 00 Ave: 00
		<ul style="list-style-type: none"> ○ Fugitive emissions in the work zone environment are being controlled by exploring techniques like Motorized shutter & suction hoods on spinning machines & cutters, shutters for stretch roller & gear box and perfect sealing of all the openings in various tanks of spin bath. ○ Provision of fresh air by induced draft fans is in place at the spinning machines for ease of working. ○ Online gas detectors installed in the work 			

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		<p>zone around the spinning machines. Motorized shutters and completely closed after treatment machine with suction duct are there to control fugitive emission.</p> <ul style="list-style-type: none">○ Dust collection systems are provided with cyclones to collect the charcoal dust generated by feeding of charcoal into the CS2 manufacturing process.○ The charcoal and coal belt conveyors are fully sealed with provision of water spray.○ Cyclone separators & Water scrubbers are provided for scrubbing out of sodium sulphate dust from the salt dryer exhaust air to avoid dust emission.																		
vi.	<p>Total water requirement from River Kim shall not exceed 4.09 MGD (18,600 m3/d) as per the ‘Permission’ accorded by the Govt. of Gujarat. The wastewater shall be treated in the ETP through primary, secondary and tertiary treatment and disposed off in the pipeline of M/s Bharuch Enviro. Aqua Infrastructure Ltd. (BEAIL).</p> <p>Approval of the Gujarat Pollution Control Board shall be obtained for alteration in the routing of pipeline for disposal of effluent.</p> <p>The quality of the treated effluent shall conform to the standards prescribed by GPCB / EPA Rules. Efforts shall be made to recycle and reuse the treated waste water in the process or used for irrigation, agricultural and horticultural purposes at the site. Treated effluent from captive power plant (CPP) shall be used for spraying coal/ash in power plant itself. No treated effluent shall be discharged anywhere into surface/ subsurface drains and / or into river Kim without prior approval from the GPCB. Domestic wastewater shall be treated in STP and used for green belt development.</p>	<ul style="list-style-type: none">○ <u>Noted & Complied.</u>○ An agreement with Irrigation Department has been made for water withdrawal @ 19000 M3/day.○ A Summary of water Consumption for the reporting period is given below: <table><tr><th>Month</th><th>Quantity (M3)</th></tr><tr><td>Oct-20</td><td>478547</td></tr><tr><td>Nov-20</td><td>444648</td></tr><tr><td>Dec-20</td><td>453221</td></tr><tr><td>Jan-21</td><td>451779</td></tr><tr><td>Feb-21</td><td>414393</td></tr><tr><td>Mar-21</td><td>469678</td></tr><tr><td>Total</td><td>2712266</td></tr><tr><td>Average (M3/Day)</td><td>14902.56</td></tr></table> <ul style="list-style-type: none">○ The Half- yearly average water Consumption is 14903 M3/day, which is less than the quantity mentioned in Agreement.○ A full-fledged effluent treatment plant comprising of primary treatment of neutralization, settling facility and secondary treatment of biological system	Month	Quantity (M3)	Oct-20	478547	Nov-20	444648	Dec-20	453221	Jan-21	451779	Feb-21	414393	Mar-21	469678	Total	2712266	Average (M3/Day)	14902.56
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Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA

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Captive Power Plant (CPP) from 15 MW to 25 MW

Compliance of Environmental Clearance Conditions by

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based on extended aeration activated sludge process has been installed. The waste water from the plant is treated in this well-established ETP.

- A full-fledged in-house laboratory is established to monitor the parameters round the clock.
- Unit has appointed NABL accredited laboratory M/s. Pollucon laboratories pvt. ltd. for monthly monitoring of waste water from the plant and township is/ treated in the well-established ETP and STP, as per the monitoring conducted by their team, the results are well within the prescribed norms as per consent condition.
- A separate 24 KM long underground pipeline for discharging the treated effluent in the estuary of Kim River as approved by GPCB. The disposal point was suggested by NIO, Goa is 2007.
- There was a typographical error regarding the disposal of effluent from using the pipeline of Bharuch Enviro Infrastructure Ltd. (BEIL) in the letter issued by MoEFCC. We requested MoEFCC for correction vide our letter dated 9th April 2007.
- The Sewage water from the plant and township is treated in the well-established STP and recycled for green belt development.

○ A Summary of treated effluent for the reporting period is given below:

Parameter	pH	Temp.	S.S.	COD	BOD	Amm. N	Color	Zinc
Unit	-	°C	mg/l	mg/l	mg/l	mg/l	Co-pt u.	mg/l
Limit	6.5-8.5	40.0	100.0	250.0	100.0	50.0	100	10.0
Oct-20	7.6	30.1	34	146	21.9	7.2	30	0.94
Nov-20	7.7	30.0	42	139	28.0	6.4	40	0.8
Dec-20	7.6	30.0	37	176	31.0	5.7	50	0.7

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Jan-21	7.4	29.9	62	134	26.0	4.9	50	0.6
Feb-21	7.5	30.1	35	142	31.0	3.7	40	0.6
Mar-21	7.4	30.3	45	148	29.0	6.2	50	0.6

o A Summary of treated Domestic sewage for the reporting period is given below:

Parameter	TSS	BOD	Residual Free Cl.	COD	Nitrogen	Fecal Coliform	pH
Unit	Mg/Lit.	Mg/Lit.	Mg/Lit.	Mg/Lit.	Mg/Lit.	MPN/ml	-
Limit	<30	<20	Min 0.5	-	-	-	-
Oct-20	18	12	0.80	87	5.60	540	7.42
Nov-20	21	15	0.60	68	4.32	420	7.63
Dec-20	27	16	0.80	79	5.16	430	7.51
Jan-21	24	11	0.60	93	6.28	540	7.39
Feb-21	19	14.30	0.80	87	7.56	430	7.53
Mar-21	25	13.20	0.60	73	5.82	540	7.41

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|------|---|--|
| vii. | <p>The solid waste shall be segregated according to its calorific content and stored separately for treatment and disposal. Spent catalyst, Spent resin, Sulphur de-ashing sludge shall be disposed of at TSDF of M/s Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar, Gujarat. ETP sludge shall be provided to cement manufacturers and properly disposed of and fly ash shall be provided to brick manufacturers. Used/ waste oil shall be sold to authorized recyclers/ preprocessors.</p> | <p>o <u>Being complied.</u></p> <p>o All the wastes are segregated according to its composition and stored separately for treatment/disposal.</p> <p>o Generated ETP sludge is provided to cement manufacturers as stipulated in CCA.</p> <p>o Generated Fly ash is provided to surrounding local Brick and Cement manufacturers for Co-processing as stipulated in the CCA.</p> <p>o Generated Deashing sludge & Spent catalyst is provided to BEIL, TSDF site as stipulated in CCA.</p> <p>o As per latest CTO-amendment received from GPCB, Spent resin reutilized as a waste to recover energy in CPP for Power & Steam generation.</p> |
|------|---|--|

o A Summary of hazardous waste treatment and disposal facilities for the reporting period is given below:

Hazardous Waste Treatment and Disposal Facilities				
Type of waste	Schedule No.	Quantity	Treatment	Disposal practice

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ETP Sludge	34.3	4555 MT	De-watering on belt press & drying. Stored under Gypsum storage shed area.	Disposal at TSDF BEIL, or Sold to Cement industries
Spent Catalyst	17.2	7.27 MT	Stored in Drums and disposal as per CCA condition	Disposed at TSDF, BEIL, Ankleshwar
Spent Resin	34.2	1.78 MT	Stored in drums and neutralize	Reutilize for energy recovery in boiler as a waste to energy recovery
Sulphur Deashing sludge	17.2	157.17 MT	Stored in storage rooms which is fully covered	Disposed at TSDF, BEIL, Ankleshwar
Discarded containers and Liners	33.3	2495 No.	Decontamination is done at user point in Unit and stored in dedicated storage yard	Sold to approved recycler as per guidelines of CC&A.
HDPE Bags	33.3	15 MT	Collected and stored in dedicated storage yard	Sold to approved recycler as per guidelines of CC&A.
Used oil	5.1	13.64 K1	Collected and stored in drums	Sold to approved recycler as per guidelines of CC&A.

viii.	Green belt of adequate width and density shall be developed in 70 ha out of the total 243 ha project area to mitigate the effect of fugitive emissions all round the plant. The development of green belt along the boundary wall, open space and avenue roads shall be provided in consultation with the local DFO as per the CPCB guideline.	<ul style="list-style-type: none"> o <u>Complied.</u> o Green belt has been developed in the campus along the boundary wall and open spaces (80 ha). Totally 1,85,000 trees have been planted in the premises in such a way that density of plantation is 1000 trees per acre and green belt of 30 meters width is developed. o As per the directives of DoEF, Mangroves have been planted in 100 Ha. At Raniyo Island spending to Rs. 20.00 Lacs.
ix.	Rainwater shall be harvested to conserve the fresh water and recharge the ground water and an action plan shall be submitted to the Ministry.	<ul style="list-style-type: none"> o <u>Being complied.</u> o Rainwater is being harvested to conserve the fresh water and recharge the ground water. In the Monsoon season approx. 364350 M3 was conserved. o Unit is being submitting Monsoon action

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		plan to GPCB every year.
x.	The project proponent shall comply with the environmental protection measures and Safeguards recommended in EIA / EMP / Risk Analysis reports as well as the recommendations of the public hearing panel.	<ul style="list-style-type: none"> ○ <u>Complied.</u> ○ We are complying with all the environmental protection measures and safeguards recommended in EIA / EMP / Risk Analysis Reports.
xi.	The Company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to the GPCB within three months of receipt of this letter for approval.	<ul style="list-style-type: none"> ○ <u>Complied.</u> ○ Various Eco development measures in and around 32 villages have been undertaken. Our main focus has been in following 4 areas: <ul style="list-style-type: none"> ○ Education: <ul style="list-style-type: none"> ✓ Pre School Education ✓ School Development work ✓ Education Support Project ✓ Vocational & Technical Education Project ✓ School Infrastructure ○ Health Care: <ul style="list-style-type: none"> ✓ Preventive Health Care ✓ Curative Health Care ✓ Reproductive and Child Health ✓ Health Support Program ✓ Health Infrastructure ✓ Blood donation camp ○ Infrastructure Development: <ul style="list-style-type: none"> ✓ Roads/Culverts/Bridges/Bus Stands ✓ Community Halls ✓ Other Community Assets works ✓ RO plant has been installed. ○ Social activities: <ul style="list-style-type: none"> ✓ Institutional building & strengthening ✓ Awareness programs ✓ Social Events ✓ Promotion of heritage/culture/Sports ✓ Disaster Relief Programs. ○ Unit has developed green belt area in and around plant premises, and obtained

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		certificate from DFO and same is submitted to GPCB from the receipt of this order.
xii.	As mentioned in EIA/EMP, Rs.20.56 Crores and Rs.6.27 Crores earmarked towards the capital cost and recurring cost/annum respectively for the environmental pollution control measures shall be used exclusively to implement the condition stipulated by the Ministry of Environment & Forests as well as the State Government. A time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Bhopal. The funds shall not be diverted for any other purposes.	<ul style="list-style-type: none"> o <u>Being complied.</u> o As committed in the EIA / EMP, unit has installed following key equipment for pollution control historically. <ul style="list-style-type: none"> ✓ ESP with three field for boiler # 2 ✓ ESP with four field for boiler # 1 ✓ Online emission monitoring station for Boiler # 2 ✓ Sump zone # 3, Belt press # 4 (inc. mono belt press) ✓ Primary clarifier # 2 ✓ Secondary clarifier # 2 ✓ Biological reactor # 1 ✓ Online effluent monitoring station with ETP Plant (TOC meter) # 1 ✓ Both Acid plant stack height was increased from 40 to 75 M. ✓ Gypsum shed was constructed. o A time bound implementation schedule for implementing all the conditions stipulated here has been submitted to the Ministry's Regional Office at Bhopal. o The funds earmarked for the environmental protection measures are being maintained and not diverted for other purpose. o A year wise expenditure on environment safeguards is being submitted to MOEF and CC at the end of each FY along with EC compliance report of each year.

o Environment expenditure for FY-21 is given below:

Sl. No.	Particulars	Expenses on Env. Management (in INR)
1	ETP/ STP Costing :	71,067,769
2	Green belt development/Horticulture Expenses:	8,829,915
3	Waste handling Expenses	5,841,508
4	Improvement Projects Cost	159,600,000
5	APCM/CEMS/AAQMS cost (Power/Maintenance/Repairing cost)	47,251,656

<p align="center">Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA & Captive Power Plant (CPP) from 15 MW to 25 MW</p>
<p align="center">Compliance of Environmental Clearance Conditions by M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat</p>

6	Salaries & wages	19,083,258
7	Environmental audits & other legal activities	2,421,059
Total Expenses		314,095,164

GENERAL CONDITIONS

i.	The project authorities must strictly adhere to the stipulations made by the Gujarat State Pollution Control Board (GPCB) and the State Government.	<ul style="list-style-type: none"> o <u>Complied.</u> o All stipulations made by GPCB in various consent and authorizations are strictly 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 adequacy of the conditions imposed and to add additional environmental protection measures required, if any.	<ul style="list-style-type: none"> o <u>Noted.</u> o No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment, Forest and Climate Change.
iii.	Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the GPCB. Regular monitoring shall be carried out for relevant parameters.	<ul style="list-style-type: none"> o <u>Complied.</u> o There are 3 locations for influent quality monitoring stations and 1 location for effluent quality monitoring station finalized in consultation with the GPCB. o Influent quality monitoring stations are located at Grit Chamber, Primary Outlet and Secondary outlet and effluent quality monitoring station which is located at Final Outlet. o Results are enclosed in reply of point no. vi.
iv.	The project authorities must strictly comply with the rules and regulations under the manufacture, storage and import of Hazardous chemicals Rules, 2000. Prior approvals of Chief Inspector of Factories, Chief Inspector of Explosives, Fire Safety Inspectorate etc. must be obtained.	<ul style="list-style-type: none"> o <u>Being complied.</u> o Approval for chlorine storage of 10 ton has been obtained from PESO on 26th September-2018 and valid up to 30-Sep-2023. o Unit has valid factory license #6059 and registration# 165/17114/1997 dated 15-oct-2016 and valid up to 31-Dec-2021.

Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA

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v	The project authorities 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 2000. Authorization from the GPCB must be obtained for collection, storage, treatment and disposal of hazardous wastes.	<ul style="list-style-type: none"> ○ <u>Being complied.</u> ○ CCA wide consent order no. AWH-104181 on dated: 29.11.2019 for production of VSF @ 156950 MT/Year has been obtained from GPCB under Hazardous and other waste rules-2016. ○ Hazardous waste Rules is fully complying as per the consent stipulated norms.
vi	The overall noise levels in and around the plant area shall be kept well within the standard (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 Environment(P) Rules,1989 viz.75 dBA (day time) and 70 dBA (night time)	<ul style="list-style-type: none"> ○ Quarterly monitoring the noise level in and around the plant area is being conducted. ○ A Summary of noise level monitoring for the reporting period is given below:

NOISE LEVEL MEASUREMENT						
Month			Dec-20		Mar-21	
Sr. No.	Location	Department	dBA	dBA	dBA	dBA
			Day	Night	Day	Night
1	Simplex room line 1&2	Viscose	57	63	52	60
2	Simplex room line 3&4	Viscose	55	62	58	63
3	Office area Viscose and MIS	Viscose	44	47	44	48
4	Near Maturing Drum	Viscose	53	61	57	61
5	Pulper Operator	Viscose	55	59	55	61
6	Sodastation Office	Viscose	43	46	43	52
7	Sodastation Area	Viscose	54	58	55	61
8	GDP area	Viscose	62	66	63	67
9	Blower room (Top Floor)	Viscose	62	68	62	68
10	Road between Viscose and Spinning	-	40	46	42	48

Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA**&****Captive Power Plant (CPP) from 15 MW to 25 MW****Compliance of Environmental Clearance Conditions by****M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat**

11	Bailing Press area line-1&2	Spinning	55	59	56	60
12	Bailing Press area line-1	Spinning	56	61	58	62
13	Dryer Office	Spinning	42	48	41	45
14	Fine Opener Line # 2	Spinning	57	61	58	62
15	Bailing Press area line-3	Spinning	58	63	58	61
16	Bailing Press area line-4	Spinning	57	61	57	61
17	Fine Opener Line # 3	Spinning	58	62	60	64
18	Fine Opener Line # 4	Spinning	61	63	59	63
19	Dryer # 3	Spinning	55	61	58	61
20	Dryer # 4	Spinning	56	62	57	62
21	Dryer # 3 & 4 cabin	Spinning	46	51	47	51
22	Aft treatment Oper. Line 3&4 cabin	Spinning	47	52	48	52
23	Aft treatment Oper. Line 1&2 cabin	Spinning	62	65	63	67
24	Spinning M/C-2	Spinning	59	64	59	65
25	Jet room # 3, 4	Spinning	52	57	54	58
26	Spg office line 3 & 4	Spinning	44	49	43	48
27	Spinning M/C-3	Spinning	58	62	58	63
28	Spinning M/C-4	Spinning	60	62	58	62
29	Pump House	Fire Stn.	53	58	52	57
30	Acid plant (Control room inside)	Acid Plant	39	44	39	44
31	Blower Old Plant (Outside)	Acid Plant	62	67	62	67
32	Blower (New Plant)	Acid Plant	65	64	64	69
33	Offices (Acid)	Acid plant	38	43	39	43

Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA**&****Captive Power Plant (CPP) from 15 MW to 25 MW****Compliance of Environmental Clearance Conditions by****M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat**

34	Ammonia Compressor # 3 area	CS2 Refinery	66	69	65	69
35	Ammonia Compressor # 1 area	CS2 Refinery	61	63	62	67
36	Near Chiller Area	CS2 Refinery	59	65	58	63
37	H2S Gas holder area	CS2 plant	49	54	49	54
38	CS2 control room	CS2 plant	40	44	39	43
39	Charcoal Feeder	CS2 plant	43	48	45	48
40	Furnace area	CS2 plant	49	52	50	53
41	Pump House	WTP	57	61	58	62
42	Operator room (Inside)	WTP	43	47	43	48
43	Operator room (Outside)	WTP	56	61	52	60
44	Office	WTP	39	45	40	43
45	Lab	WTP	41	45	40	42
46	EC entrance	EC	36	41	37	41
47	TG ground floor area (Near MCC)	EC	43	48	44	59
48	MCC room (ground floor)	EC	39	43	41	44
49	Compressor area (Khosla Crepelle)	EC	62	66	61	66
50	Between 3PA Fan 1 & 2	EC	47	52	46	52
51	Between 3FD Fan # 1 & 2	EC	52	54	52	55
52	Between 2FD Fan 1 & 2	EC	55	61	55	58
53	Between 2PA Fan 1 & 2	EC	58	62	58	63
54	Near Turbine # 1	EC	59	62	60	64
55	Near Turbine # 2	EC	62	67	62	66
56	Office Gallary	EC	47	53	47	51

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57	Turbine # 3 floor (Near Generator)	EC	58	62	58	63
58	EC Control room (Outside)	EC	59	63	58	63
59	EC Control room (inside)	EC	40	44	41	45
60	Office / Conf. Room	Auxiliary	43	47	43	48
61	Drum Dryer - 8.0 mtr.	Auxiliary	56	60	55	60
62	Vibrators	Auxiliary	58	63	58	63
63	RVF / TFF - 13 mtr	Auxiliary	59	64	58	62
64	RVF / TFF - 19 mtr blower (Old)	Auxiliary	60	65	61	65
65	RVF / TFF - Operator room	Auxiliary	47	52	46	50
66	RVF / TFF - blower top floor area (Old)	Auxiliary	64	68	63	67
67	RVF / TFF - blower top floor area (New)	Auxiliary	65	69	64	69
68	Crystalization office - New plant (out)	Auxiliary	56	61	57	62
69	Crystalization office - New plant (In)	Auxiliary	48	53	50	53
70	MSFE office - Old Plant (Outside)	Auxiliary	55	59	54	58
71	MSFE office - Old Plant (Inside)	Auxiliary	47	53	48	51
72	Cooling towew # 3	Auxiliary	58	62	59	63
73	Cooling towewr - New Plant - CS2 side	Auxiliary	49	54	48	53
74	Workshop Hall	Workshop	53	57	54	59
75	Office	Workshop	42	47	41	52
76	Gate 1	Boundary area	56	48	55	50
77	Gate 2	Boundary area	56	48	54	50
78	TRADC circle	Boundary area	58	48	59	49

Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA

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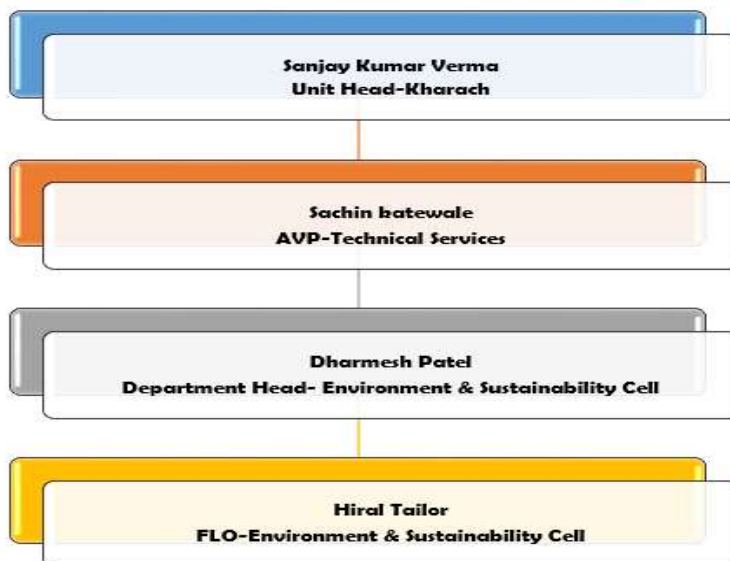
Captive Power Plant (CPP) from 15 MW to 25 MW

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Vii	Occupational health surveillance program shall be undertaken as regular exercise for all the employees, specifically for those engaged in handling hazardous substances. First aid facilities in the Occupational Health Care Centre shall be strengthened and medical records of each employee shall be maintained separately.	<ul style="list-style-type: none"> o <u>Complied.</u> o Awareness programs are being conducted on health by CMO and by ABG Emergency Code Red. o First aid training is being arranged on periodic interval, which covers all categories of employees, workmen. o Medical check-up is being done six monthly, for those employees who engaged in handling hazardous substances at work place area. o All the Employees are covered under Health Survey o Medical records of employees and contract workers are maintained online and individual person can see the read only data for current and past health record for himself only from any computer in Unit.
viii	A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and monitoring functions.	<ul style="list-style-type: none"> o <u>Complied.</u> o A separate environment management cell has been constituted under the leadership of Facility Head. o The detailed Organization chart is given below:

Organization Structure for Environment Management Cell



**Expansion of Viscose Staple Fibre (VSF) from 60,000 TPA to 1,27,750 TPA
&
Captive Power Plant (CPP) from 15 MW to 25 MW**

**Compliance of Environmental Clearance Conditions by
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ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	<ul style="list-style-type: none"> ○ Complied. ○ We are complying with all the environmental protection measures and safeguards recommended in EIA / EMP Reports.
x.	The implementation of the project vis-a-vis environmental action plans shall be monitored by Ministry's Regional Office at Bhopal / GPCB / CPCB. A six monthly compliance status report should be submitted to monitoring agencies.	<ul style="list-style-type: none"> ○ Complied. ○ All identified environmental action plans of project implementation is being complied and submitted to respective government agency as Ministry's Regional Office at Bhopal/ GPCB, every six monthly to Regional Office of MOEF & CC, Bhopal. ○ Compliance report for the period of April-20 to Sept-20 was submitted on 10.11.2020.
xi.	The project proponent should advertise in atleast two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Gujarat Pollution Control Board/ Committee and may also be seen at Website of the Ministry and Forests at http://envfor.nic.in . The advertisement shall be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be Forwarded to the Ministry's Regional Office at Bhopal.	<ul style="list-style-type: none"> ○ Complied. ○ Environment Clearance was issued on 15.01.2007 and advertisement was published in Gujarati & English language newspaper on date: 17.01.2007. ○ Newspaper advertisement copy submitted to GPCB / Committee and same has been enclosed below.



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Captive Power Plant (CPP) from 15 MW to 25 MW

Compliance of Environmental Clearance Conditions by

M/s. Birla Cellulosic (A unit of Grasim Ind. Ltd.) at Kharach, Hansot, Bharuch, Gujarat

xii.	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 land development work.	○ <u>Complied.</u>
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