

ADITYA BIRLA



Date: 25.05.2026

To,
The Director,
Ministry of Environment, Forests & Climate Change,
Regional Office,
Kendriya Sadana, 4th Floor, E & F Wings,
7th Main Road, II Block, Koramangala,
Bengaluru-560034.

Sub: Submission of Half-Yearly Compliance Report for the period from **October-2025 to March-2026** by **M/s. Grasim Industries Ltd.**, Kumarapatnam. Ranebennur, Haveri, Karnataka

Ref.: 1. EC Letter No. J-11011/371/2006-IA. II(I) Dated: 13.08.2019, amended 28.05.2025
2. EC Letter No.: -11011/371/2006-LA.II(I) dated 08.11.2007 & amended on 30.12.2013.

Sir,

This has reference to above subject and EC Letter No. cited above, we hereby submit the **Half Yearly Compliance Report for the period from October-2025 to March-2026** of Conditions stipulated in Environment Clearance letter issued by MoEF, New Delhi for Expansion of Viscose Staple Fibre (51,100 TPA to 87,600 TPA) & Captive Power Plant (10 MW to 20 MW) with reference to EC letter No. 11011/371/2006-IA.II(I) dated 08.11.2007 & amended on 30.12.2013.

Expansion of Viscose Staple Fibre Plant from 87,600 TPA to 1,75,200 TPA, Pulp plant from 74,400 TPA to 1,48,800 TPA, Captive Power Plant from 20 MW to 50 MW and setting up Excel Fibre Plant of capacity 36,500 TPA with reference to EC letter No. 11011/371/2006-1A.II(I) dated 13.08.2019 and Amendment on dated 20/05/2025 in Existing EC for Viscose Staple Fibre Plant from 1,75,200 to 1,56,950 TPA, RG Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity from 36500 to 54,750 TPA at Kumarapatnam, Ranebennur, Haveri, Karnataka by Grasim Industries Ltd.

We hope you will find our reply in order.

Thanking you with regards,
Yours Faithfully,
M/s. Grasim Industries Ltd.


Soumya Kanta Mohanty
President & Unit Head



Birla Cellulose
Fibres from Nature

Grasim Industries Limited

Unit : Grasilene Division

Kumarapatnam 581 123, Dist. Haveri, Karnataka.

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Regd. Office : P.O. Birlagram, Nagda 456 331 (M.P.)

Half -Yearly EC Compliance Report

October 2025 to March 2026

for

Expansion of Viscose Staple Fibre Plant from 87,600 to 1,56,950 TPA, RG Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 54,750 TPA

at

Village: Kumarapatnam, Taluka: Ranebennur, District: Haveri (Karnataka)

by

M/s. Grasim Industries Ltd.

EC Letter No. J-11011/371/2006-IA. II(I)

Dated: 13.08.2019, amended 28/05/2025

EC Identification No. EC25A2201KA5929010A

Submitted By:



Grasim Industries Limited

**Kumarapatnam Harihar
Polyfibers and Grasilene Division
Kumarapatnam – 581123 Ranebennur,
Haveri, Karnataka**

Prepared By:



J. M. EnviroLab Pvt.Ltd.

**424, Ground Floor, Udyog Vihar,
Phase-4, Gurugram-122015,
Haryana**

May 2026



सत्यमेव जयते

File No.: IA-J-11011/371/2006-IA II (I)
Government of India
Ministry of Environment, Forest and Climate
Change
IA Division



Dated 28/05/2025



To,
Sh Sachin Samar,
M/s GRASIM INDUSTRIES LIMITED,
PO-Birlagram, Nagda, UJJAIN, MADHYA PRADESH - 456331
vikaskumar.valand@adityabirla.com

Subject: **Proposed Expansion of Fibre Plant, Pulp Plant, Captive Power Plant and setting up Excel Fibre Plant at Village: Kumarapatnam, Taluka: Ranebennur, District Haveri, Karnataka by M/s Grasim Industries Limited – Consideration of amendment of Environmental Clearance-reg.**

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/KA/IND2/533416/2025 dated 09/04/2025 for grant of an amendment in prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A2201KA5929010A
(ii) File No.	IA-J-11011/371/2006-IA II (I)
(iii) Clearance Type	Amendment in EC
(iv) Category	A
(v) Schedule No./ Project Activity	5(d) Manmade fibers manufacturing
(vi) Sector	Industrial Projects - 2 Amendment in Existing Environment Clearance letter dated 13th August, 2019 w.r.t change in production capacity of Fibre (VSF & Excel) at Village: Kumarapatnam, Taluka: Ranebennuru, District: Haveri, Karnataka by M/s. Grasim Industries Limited
(vii) Name of Project	
(viii) Location of Project (District, State)	HAVERI, KARNATAKA
(ix) Issuing Authority	MoEF&CC
(x) EC Date	20/05/2025
(xi) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	

3. The Ministry of Environment, Forest and Climate Change has considered the above proposal for amendment in Environmental Clearance (EC) granted by the Ministry vide letter no. IA-J-11011/371/2006-IA II (I) dated 13th August, 2019 for the proposed Expansion of Fibre Plant, Pulp Plant, Captive Power Plant and setting up Excel Fibre Plant at Village: Kumarapatnam, Taluka: Ranebennur, District: Haveri, Karnataka by M/s Grasim Industries Limited (GIL).

4. The project proponent has requested for amendment in the EC with the details are as under:

S. No.	Product	UOM	Existing EC Granted Capacity {As per EC dated 13th Aug., 2019}	Proposed Amendment	Total Capacity After Amendment	Remarks
A. Main Products						
1.	Viscose Staple Fibre	TPA	1,75,200	(-) 18250	1,56,950	Reduction in capacity by 50 TPD / 18250 TPA
2.	Excel Fibre (Solvent Spun Cellulosic Fibre)	TPA	36,500	(+) 18250	54,750	Increase in capacity by 50 TPD / 18250 TPA
3.	RG Pulp	TPA	1,48,800	No change	1,48,800	No Change
4.	CPP	MW	50	No change	50	No Change
B. Associated Products						
	Sulphuric Acid*	TPA	1,50,220	(-) 4220	1,46,000	Reduction in capacity
	Carbon-di-Sulphide*	TPA	28,730	(-) 2993	25,375	Reduction in capacity
	Recovery Boiler	MW	20	No change	20	No Change
C. By-product						
	Anhydrous Sodium Sulphate*	TPA	1,38,410	(-) 14418	1,23,992	Reduction in capacity
Note: *EC is not required as per EIA Notification, 2006; as amended from time to time.						

Details of the other amendment required in the EC letter corresponding to the proposed amendment are as under:

S. No.	Para of EC issued by MoEF&CC	Description {As per EC dated 13th Aug., 2019}	To be revised/ read as	Justification/ reasons
1.	Point No. 2, Page no. 1	The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the	The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the	Looking to the new generating demand of the market for special type of fibres with higher

		project for expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36,500 TPA at Village: Kumarapatnam, Taluka: Ranebennur, District: Haveri (Karnataka) by M/s. Grasim Industries Ltd. in an area of 431.36 ha at Village: Kumarapatnam, Taluka: Ranebennur, District Haveri (Karnataka).	project for expansion of Viscose Staple Fibre Plant from 87,600 to 1,56,950 TPA, RG Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 54,750 TPA at Village: Kumarapatnam, Taluka: Ranebennur, District: Haveri (Karnataka) by M/s. Grasim Industries Ltd. in an area of 431.36 ha at Village: Kumarapatnam, Taluka: Ranebennur, District Haveri (Karnataka).	tenacity which can work on high-speed machines, impart different feel, look, etc. GIL has carried out extensive research and put in lot of efforts, which is spread over lost many years, and have been successful in developing New Solvent Spinning Process for production of Cellulosic Fibre.
2.	Point no. 4, Line no. 3, Page no. 2	The estimated project cost is Rs. 2550 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 600 crores and the recurring cost (O&M) will be Rs. 6 crores per annum.	The estimated project cost is Rs. 2669 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 600 crores and the recurring cost (O&M) will be Rs. 6 crores per annum.	Increase in Excel Fiber Capacity in lieu of reduction in VSF capacity.
3.	Point no. 6, 1st Para, Page no. 2	Total fresh water requirement is estimated to be 97,200 cum/day which will be reduced to 87,480 cum/day, proposed to be met from Tungabhadra River.	Total fresh water requirement is estimated to be 84,680 cum/day, proposed to be met from Tungabhadra River.	Reduction in VSF capacity.
4.	Point no. 6, 2nd Para, Page no. 2	Effluent of 72,468 cum/day generated from industrial operations shall be treated in the existing ETPs by enhancing their capacities, and the treated effluent will be discharged to Tungabhadra River.	Effluent of 69,921 cum/day generated from industrial operations shall be treated in the existing ETPs by enhancing its capacity, and the treated effluent will be discharged to Tungabhadra River.	Reduction in VSF capacity.
5.	Point no. 10, Page no. 2	Based on the proposal submitted by the project proponent and the recommendations of the EAC (Industry -2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for Expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36,500 TPA by M/s. Grasim Industries Ltd. at Village: Kumarapatnam, Taluka: Ranebennur, District Haveri (Karnataka),	Based on the proposal submitted by the project proponent and the recommendations of the EAC (Industry -2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for Expansion of Viscose Staple Fibre from 87,600 to 1,56,950 TPA, RG Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 54,750 TPA by M/s. Grasim Industries Ltd. at Village: Kumarapatnam, Taluka: Ranebennur, District Haveri (Karnataka),	Looking to the new generating demand of the market for special type of fibres with higher tenacity which can work on high-speed machines, impart different feel, look etc., GIL has carried out extensive research and put in lot of efforts, which is spread over lost many years, and have been successful in developing New Solvent Spinning Process for production of Cellulosic Fibre.
6.	Point no. 10, Condition (iii)	The treated effluent Of 72448 cum/day shall conform the	The treated effluent Of 69,921 cum/day shall conform the	Reduction in VSF capacity.

	Page no. 3	standards prescribed under the Environment (Protection) Rules, 1986 for discharge into the Tungabhadra River. Necessary permission for discharge shall be obtained from the concerned regulatory authority.	standards prescribed under the Environment (Protection) Rules, 1986 for discharge into the Tungabhadra River. Necessary permission for discharge shall be obtained from the concerned regulatory authority.	
7.	Point no. 10, Condition (vii), Page no. 3	Total fresh water requirement shall not exceed 87,480 cum/day proposed to be met from Tungabhadra River. Prior permission in this regard shall be obtained from the concerned regulatory authority.	Total fresh water requirement shall not exceed 84,680 cum/day proposed to be met from Tungabhadra River. Prior permission in this regard shall be obtained from the concerned regulatory authority.	Reduction in VSF capacity.

5. The proposal was considered by the EAC (ID: EC/AGENDA/EAC/626017/4/2025) meeting held on 06th – 07th May, 2025 in the Ministry.

6. During deliberations by EAC following issues emerged:

- EAC desired justification from the project proponent for applying the proposal in amendment instead of para 7 (ii). In this regard, the project proponent has clarified that para 7 (ii) (a) pertains to phase wise expansion in production capacity with increase in pollution load, Further, provisions of para 7 (ii) (b) pertains to increase in production capacity with or without any change in (i) raw material-mix or (ii) product-mix or (ii) quantities within products or (ii) number of products including new products falling in the same category or (iv) configuration of the plant or process or operations in existing area or in areas contiguous to the existing area without increase in pollution load. Para 7 (ii) (c) pertains to changes in configuration after detailed without increase production capacity. So, the instant proposal for change in product mix without increase in production capacity and without increase in pollution load does not fall in any of the scenarios of para 7 (ii).
- The project proponent has informed that the addendum to the EIA report has been submitted. As per the report all the parameters of pollution load in terms of air, water, solid & hazardous waste etc., are reducing due to the proposed amendment. EAC found the information satisfactory.

7. After detailed deliberations, EAC found the justification satisfactory. Accordingly, the committee **recommended** the proposal for amendment in EC as proposed by the project proponent.

8. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby **accords approval to the proposed amendment in Environmental Clearance (EC) dated 13th August, 2019 as stated above for the proposed expansion of Fibre Plant, Pulp Plant, Captive Power Plant and setting up Excel Fibre Plant at Village: Kumarapatnam, Taluka: Ranebennur, District: Haveri, Karnataka by M/s Grasim Industries Limited (GIL).**

9. However, all other terms and conditions stipulated in the existing EC vide letter no. IA-J-11011/371/2006-IA II (I) dated 13th August, 2019 shall remain unchanged.

10. This issues with approval of the Competent Authority.

Copy To

1. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore - 1.
2. The Regional Officer, Ministry of Environment, Forest and Climate Change, Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun

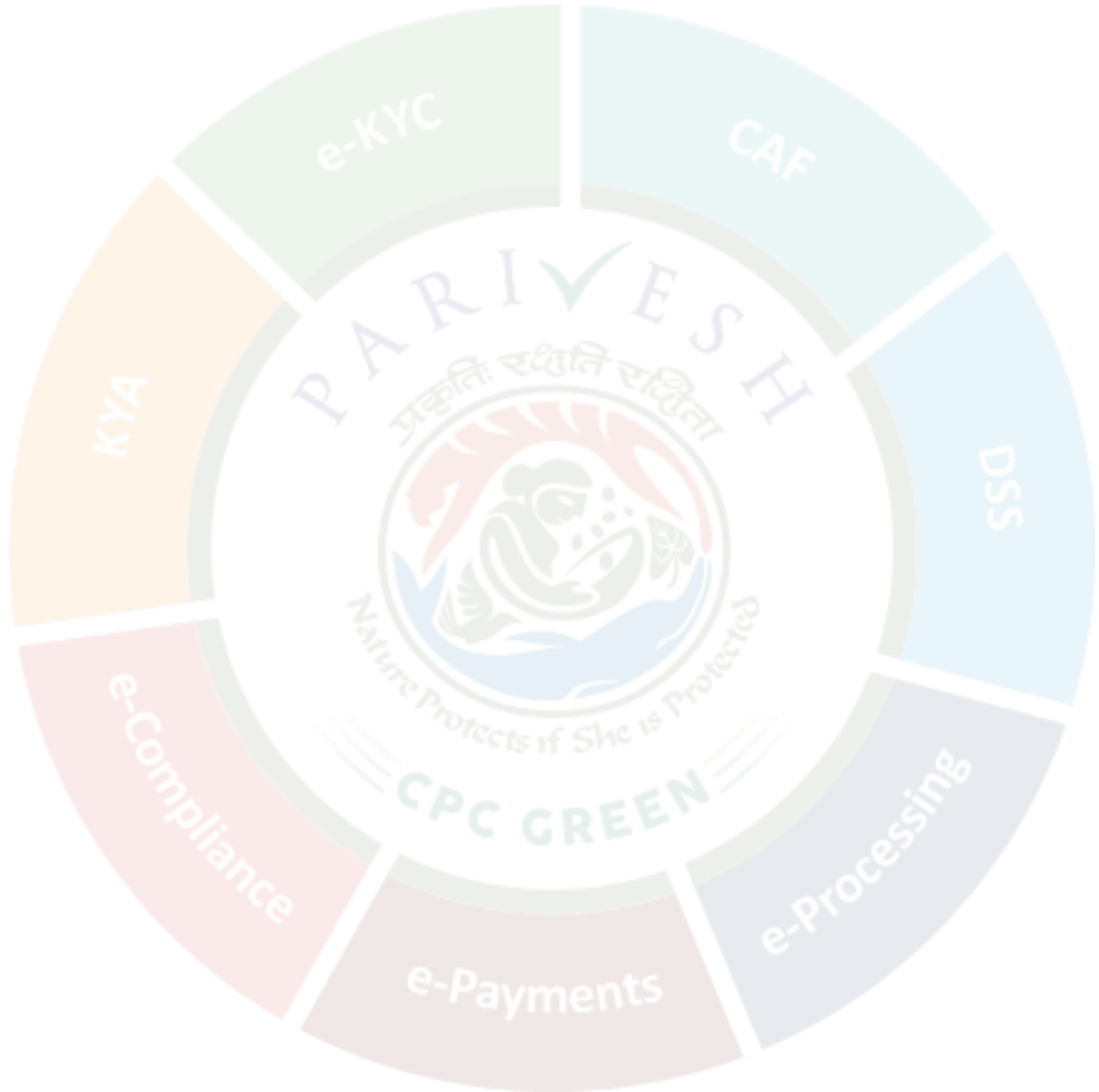
Nagar, Delhi - 32.

4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1.

5. Compliance and Monitoring Division, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.

6. The District Collector, District Haveri, Karnataka.

7. Guard File/Monitoring File/Parivesh portal/Record File.



F.No. IA-J-11011/371/2006- IA II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA-II Section)

Indira Paryavaran Bhawan
 Jorbagh Road, New Delhi - 3

Dated: 13th August, 2019

To

M/s Grasim Industries Ltd
 Village Kumarapatnam
 District Haveri - 581123 (Karnataka)

Sub: Expansion of Fibre Plant, Pulp Plant, Captive Power Plant and setting up Excel Fibre Plant at Village Kumarapatnam, Taluka Ranebennuru, District Haveri (Karnataka) by M/s Grasim Industries Ltd -Environmental Clearance - reg.

Sir,

This has reference to your proposal No. IA/KA/IND2/82389/2006 dated 13th November 2018, on the subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36500 TPA by M/s Grasim Industries Ltd in an area of 431.36 ha at Village Kumarapatnam, Taluka Ranebennuru, District Haveri (Karnataka).

3. The details of products are as under:

S. No	Product / Unit	Capacity		
		Existing	Additional	Total
<i>Main Products</i>				
1	Viscose Staple Fibre	87,600 TPA	87,600TPA (Debottlenecking:7,300 TPA & new installations: 80,300 TPA)	1,75,200 TPA
2	Pulp	74,400 TPA	74,400 TPA	1,48,800 TPA
3	Captive Power Plant	20 MW	30 MW	50 MW
4	Excel Fibre (Solvent Spun Cellulosic Fibre)	---	36,500 TPA	36,500 TPA
<i>Associated Products (not requiring EC)</i>				
5	Sulphuric Acid	75,110 TPA	75,110 TPA	1,50,220 TPA
6	Carbon-Disulphide	14,365 TPA	14,365 TPA	28,730 TPA
7	Recovery Boiler	10 MW	10 MW	20 MW
<i>By-Product</i>				
8	Anhydrous Sodium Sulphate	69,205 TPA	69,205 TPA	1,38,410 TPA

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4. Existing land area is 431.36 ha (4313600 sqm). No additional land will be required for the proposed expansion. Industry will develop greenbelt in an area 960000 sqm covering 33% of total project area. The estimated project cost is Rs. 2550 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 600 Crores and the recurring cost (O&M) will be about Rs. 6 crores per annum. The project will lead to employment for 1003 persons directly and 860 indirectly after expansion.

5. The Ranebennur Black Buck Sanctuary is located at a distance of 4.5 km(N-NW) from the project site. The eco-sensitive zone of the sanctuary has been notified vide Ministry's Notification No.SO 2147 (E) dated 6th July, 2017. The distance of the project site from the notified ESZ is 4 km. Tungabhadra flows at a distance of 200 m from the project site.

6. Total fresh water requirement is estimated to be 97,200 cum/day which will be reduced to 87,480 KLD cum/day, proposed to be met from Tungabhadra River.

Effluent of 72,468 cum/day generated from the Industrial operations shall be treated in the existing ETPs by enhancing their capacities, and the treated effluent will be discharged to Tungabhadra river.

Existing unit has three Coal/Petcoke fired boilers 260 TPH capacity. To cater to the proposed expansion, one more Coal/Petcoke fired boiler of 300 TPH capacity and recovery boiler will be installed, which would be equipped with ESP and adequate stack height to control particulate emissions within the statutory limits.

7. The project/activity is covered under category A of item 5(d) 'Manmade fibres manufacturing', 1(d) 'Thermal Power Plants' and 5(i) 'Pulp & paper industry' of the schedule to the EIA Notification, 2006 and requires appraisal/approval at central level in the Ministry.

8. Terms of reference (ToR) for the project was granted on 26th May, 2017. Public hearing was conducted by the State Pollution Control Board on 17th April, 2018.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meetings held during 29-31 January, 2019 and 26-28 February, 2019 in the Ministry, wherein the project proponent and their accredited consultant presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36500 TPA by M/s Grasim Industries Ltd at Village Kumarapatnam, Taluka Ranebennuru, District Haveri (Karnataka), under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-**

- (i) Environmental clearance shall be subject to obtaining prior clearance from the wildlife angle including clearance from the Standing Committee of the National Board for Wildlife, as applicable.
- (ii) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.



- (iii) The treated effluent of 72468 cum/day shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, for discharge into the Tunghbadra river. Necessary permission for discharge shall be obtained from the concerned regulatory authority.
- (iv) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (v) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (vi) Solvent management, if any, shall be carried out as follows:
 - (a) Reactor shall be connected to chilled brine condenser system.
 - (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - (c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 98% recovery.
 - (d) Solvents shall be stored in a separate space specified with all safety measures.
 - (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - (f) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
- (vii) Total fresh water requirement shall not exceed 87,480 cum/day proposed to be met from Tungabhadra river. Prior permission in this regard shall be obtained from the concerned regulatory authority.
- (viii) Rain water harvesting structures shall be provided to reduce dependency of fresh surface water for industrial purposes. In any case, no ground water shall be used for the plant.
- (ix) The storm water from the premises shall be collected and discharged through a separate conveyance system.
- (x) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.
- (xi) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (xii) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (xiii) The company shall undertake waste minimization measures as below:-
 - (a) Metering and control of quantities of active ingredients to minimize waste.

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- (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
- (c) Use of automated filling to minimize spillage.
- (d) Use of Close Feed system into batch reactors.
- (e) Venting equipment through vapour recovery system.
- (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xiv) The green belt of at least 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (xv) At least 1.5% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- (xvi) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (xvii) The unit shall make all arrangements for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (xviii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xix) Storage of raw materials shall be either in silos or covered areas to prevent dust pollution and other fugitive emissions.
- (xx) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (xxi) The energy sources for lighting purposes shall preferably be LED based.
- (xxii) Transportation of raw materials/products should be carefully performed using GPS enabled vehicles.

10.1 The grant of environmental clearance is further subject to compliance of other generic conditions as under:-

- (i) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. 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.

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- (iii) 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 station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
- (v) 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 the Environment (Protection) Act, 1986 and the Rules made thereunder.
- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (viii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.
- (ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- (x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

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- (xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.
- (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/Committee and may also be seen at Website of the Ministry at <http://moef.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.
11. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.
12. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


13/8/2019
(S. K. Srivastava)
Scientist E

Copy to :-

1. The Deputy DGF (C), MoEF&CC Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
2. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore - 1
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th & 5th Floor, Church Street, Bangalore -1
5. Guard File/Monitoring File/Website/Record File


13/8/2019
(S. K. Srivastava)
Scientist E

Point wise compliance of conditions stipulated in Environmental Clearance is given as under:

Amendment in Environmental Clearance (EC) Letter no. IA-J-11011/371/2006-IA II (I), dated 20/05/2025 in Existing Environment Clearance letter dated 13th August, 2019 w.r.t change in production capacity of Fibre (VSF & Excel)		
As per EC dated 13th Aug., 2019		
Amendment granted		
Expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36,500 TPA		
Amendment in Existing EC for Viscose Staple Fibre Plant from 1,75,200 to 1,56,950 TPA, RG Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity from 36500 to 54,750 TPA. The EC letter IA-J-11011/371/2006-IA II (I), dated 20/05/2025, and EC vide letter no. IA-J-11011/371/2006-IA II (I) dated 13th August, 2019, are attached as Annexure 1 .		
S. No.	EC Condition, As per EC dated 13th Aug, 2019	Amendment granted, and Status
3.	Point no. 6, 1st Para, Page no. 2: Total fresh water requirement is estimated to be 97,200 cum/day which will be reduced to 87,480 cum/day, proposed to be met from Tungabhadra River.	Total fresh water requirement is estimated to be 84,680 cum/day, proposed to be met from Tungabhadra River.
4.	Point no. 6, 2nd Para, Page no. 2: Effluent of 72,468 cum/day generated from industrial operations shall be treated in the existing ETPs by enhancing their capacities, and the treated effluent will be discharged to Tungabhadra River.	Effluent of 69,921 cum/day generated from industrial operations shall be treated in the existing ETPs by enhancing its capacity, and the treated effluent will be discharged to Tungabhadra River.
6.	Point no. 10, Condition (iii), Page No. 3: The treated effluent of 72468 cum/day shall conform to the standard prescribed under the Environment Protection Rules,1986, for discharge into the Tungabhadra River. Necessary permission for discharge shall be obtained from the concerned Regulatory authority.	The treated effluent of 69,921 cum/day shall conform to the standard prescribed under the Environment Protection Rules,1986, for discharge into the Tungabhadra River. Necessary permission for discharge shall be obtained from the concerned Regulatory authority.
7.	Point no. 10, Condition (vii), Page no. 3: Total fresh water requirement shall not exceed 87,480 m ³ /day proposed to be met from Tungabhadra River. Prior permission in this regard shall be obtained from the concerned regulatory authority.	Total fresh water requirement shall not exceed 84,680 m ³ /day proposed to be met from Tungabhadra River. Prior permission in this regard shall be obtained from the concerned regulatory authority.
Point No. 9	However, all other terms and conditions stipulated in the existing EC vide letter no. IA-J-11011/371/2006-IA II (I) dated 13th August, 2019 shall remain unchanged.	Agreed and Abide by the conditions stipulated in the existing EC vide letter no. IA-J-11011/371/2006-IA II (I) dated 13th August, 2019.

Point wise reply on Expansion EC Dated 13th August 2019 Expansion of Fibre Plant from 87,600 to 1,75,200 TPA, Pulp Plant from 74,400 to 1,48,800 TPA, Captive Power Plant from 20 to 50 MW and setting up Excel Fibre Plant of capacity 36500 TPA		
S. No.	EC Condition	Status
Specific Conditions		
i.	Environment Clearance shall be subject to obtaining prior environment clearance from the wildlife angle including clearance from the standing committee of the National Board for wild life, as applicable.	Clearance certificate was issued by Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Bengaluru, Vide Letter No. PCCF/WLD/CR-07/2018-19. A revised wildlife conservation plan was issued on 29.10.2022.
ii.	Consent to Establish/Operate for the Project shall be obtained from the state pollution control board as required under the Air (Prevention and control of pollution) Act, 1981 and the Water (Prevention and control of Pollution) Act, 1974.	Necessary Consents have been obtained from KSPCB. The recent Consent to Operate/Consent for Operation for Harihara Polyfibers Ltd. has been granted vide Consent No: AW-327349 dated 07/10/2021 valid till 30/06/2026 and for Grasilene Division, it has been granted vide Consent No: AW-327298 dated 07/10/2021 valid till 30/06/2026. A copy of the Consents is enclosed as Annexure 2 .
iii.	The treated effluent of 72468 cum/day shall conform to the standard prescribed under the Environment Protection Rules, 1986, for discharge into the Tungabhadra River. Necessary permission for discharge shall be obtained from the concerned Regulatory authority.	The industry abides by the condition and is having sufficient treatment facilities with upgraded tertiary treatment facility. Permission has been taken from the concerned regulatory authority for discharging the treated waste water into Tungabhadra River with quantity 49840 m ³ /day for existing Pulp and Fibre production with additional 20 TPD Fibre and 30 TPD Pulp by debottlenecking project without increase in water consumption and discharge and 40 TPD expansion for fibre with increasing water consumption and effluent discharge for Grasilene Division. (Consent No. AW-327349 for M/s. Harihar Polyfibers and Consent No. AW-327298 for M/s. Grasilene Division).
iv.	Necessary authorization required under the Hazardous and other wastes (Management and Trans – Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the rules shall be strictly adhered to.	The Authorization required under the Hazardous and other wastes has been obtained from the KSPCB for Grasilene Division vide Authorization No: 329923 dated 22/02/2022 and remains valid up to 30/06/2026 and for Harihara Polyfibers Ltd. vide Authorization No: 329924 dated 22/02/2022 and remains valid up to 30/06/2026. A copy of the authorizations is enclosed as Annexure 3 .

S. No.	EC Condition	Status
v.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Industry has implemented several measures such as ESP installation with chimney height as per the CTO for all the emission points. The fugitive emissions control measures such as dust collectors, water spraying, Wagon Tippler system and vacuum sweeping machine are implemented. The gaseous emissions are being dispersed through stack of adequate height as per CPCB/SPCB guidelines. Source Control and fugitive emissions measures' details are attached as Annexure 4.
vi.	Solvent management, if any, shall be carried out as follows company shall undertake waste minimization measures as below: - (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 98% recovery. (d) Solvents shall be stored in a separate space specified with all safety measures. (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (f) Entire plant shall be flame- proof. The solvent storage tanks shall be provided with breather valve to prevent losses.	Noted and agreed to abide by the condition. It applies to the Excel Fibre plant; but the production of Excel Fibre has not started yet. Once the installation & operation begins, we would comply with the condition. At present no solvent is being used in any of the processes.
vii.	Total fresh water requirement shall not exceed 87,480 m ³ /day proposed to be met from Tungabhadra River. Prior permission in this regard shall be obtained from the concerned regulatory authority.	The required permission for fresh water extraction from Tungabhadra River is obtained from KNNL. The copy of the Water Agreement for Industrial use is enclosed as Annexure 5.
viii.	Rain water harvesting structures shall be provided to reduce dependency of fresh surface water for industrial purposes. In any case, no ground water shall be used for the plant.	The industry has constructed two reservoirs of capacity 18 Lakh m ³ and 16 lakh m ³ respectively to harvest and store the rain water and excess runoff water from Tungabhadra River during monsoon season, thereby facilitating groundwater recharge. Rainwater harvesting structures have been constructed to channelize the rainwater flow from rooftops, paved and cemented area within premises. The available facility can collect & use rain water from about 4,08,000 m ² area. Industry is not using groundwater for plant operations. The photos of the reservoirs are attached as Annexure 6.

S. No.	EC Condition	Status
ix.	The storm water from the premises shall be collected and discharged through a separate conveyance system.	The storm water drains are constructed within the plant and storm water from the premises is collected and taken to the storage ponds/recharge pits. The photographs of the storm water channel are attached as Annexure 7.
x.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	The hazardous chemicals are stored safely in appropriate containers, or carboys in accordance with the specified guidelines. Flame arresters are provided for tank farm and the solvent transfer through pumps.
xi.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP Sludge, process inorganic & Evaporation salt shall be disposed off to the TSDF.	At Pulp unit, Centric Cleaner pulp rejects generating as Organic residue are being sent to Cardboard Industries and burnt in CFBC boiler along with Coal. ETP bio sludge is basically organic sludge having more than 75% organic content with Gross calorific value 2700 Kcal/Kg, which is being used in CFBC boiler as fuel along with Coal. Inorganic sludge is being sent for Cement Bricks Manufacture.
xii.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	The industry is complying with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules. The transportation of Hazardous Chemicals is being done as per the Motor Vehicle Act (MVA), 1989.
xiii.	The company shall undertake waste minimization measures as below: - a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	The industry has taken the following measures for waste minimization: a. The industry is being upgraded with best available technologies periodically to achieve the desired quantity of products with minimum raw materials. b. The industry has adopted 3R method (Reduce, Recycle, Reuse). c. Wagon Tippler system is installed for unloading the coal and transferring it directly into the boiler, which will significantly reduce the spillage of coal as well as dust emission. d. Covered conveyor belts are/will be used for material transfer within the plant premises. e. Wood Chips are being fed to the Pulp Digester through Conveyor Belt. f. Use of Close Feed system into batch reactors. g. Venting equipment through vapour recovery system.

S. No.	EC Condition	Status
xiv.	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Out of the total plant area i.e. 266 ha, 96 ha (36% of the plant area) has been developed and maintained as greenbelt to mitigate the effect of fugitive emissions. Photographs showing the green belt development within and around the industry which has been developed in consultation with the local DFO as per the CPCB guidelines are enclosed as Annexure 8 .
xv.	At least 1.5 % of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item wise details along with time bound action plan shall be prepared and submitted to the ministry regional office.	Environmental expenditure incurred by the unit as One-time investment for Environmental improvement Projects is Rs. 61.31 crore (For the Investment of Rs.108.25 Crore till date). The detailed list of environmental project expenditure is enclosed as Annexure 9 .
xvi.	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Noted and abide by the condition; Measures for controlling the noise pollution are provided and an acoustic enclosure shall be provided to the DG set for controlling the noise pollution.
xvii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Adequate arrangement has been made for the protection of possible fire hazards during manufacturing process in material handling as follows: <ol style="list-style-type: none"> 1. Flame arrestors are provided at various places in the system. 2. Sufficient number of Fire Extinguishers – DCP type and CO₂ type, and Fire buckets are placed at a number of locations for fire control. 3. CS₂ line has been rerouted with collection tray to avoid the leakage and hot sources. 4. Cable trays have been rerouted with proper dressing to avoid the contact with CS₂ transfer line. 5. At spinning dept., temperature and pressure transmitter has been installed in Exhaust duct with alarming system. 6. Old FRP exhaust duct has been replaced with Fire retardant FRP duct with aluminum spool pieces. 7. Fire Hydrant Points are also located around the plant. 8. Employees are regularly trained in firefighting. 9. The industry has a fire tender of adequate capacity with our Fire Fighting Department. <p>Pictures for firefighting facilities at plant are enclosed as Annexure 10.</p>

S. No.	EC Condition	Status
xviii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories Act.	<p>Grasim Industries Ltd. commits to create & maintain safe & healthy work environment for employees, against hazards & risks through:</p> <ul style="list-style-type: none"> • Continuously developing & maintaining safe work practices. • Focusing on operational & occupational hazards and risks. • Creating awareness about preventive health & safety measures. Six monthly compliance report is being/ will be submitted to concerned offices. • Specialists such as Cardiologist, Ophthalmologist, and Orthopedic Surgeons are visiting our medical Centre minimum once in a month as Consultants and this facility is extended to all employees and their family members. <p>Details for the Occupational health surveillance of the workers and picture of Occupational health center are enclosed as Annexure 11.</p>
xix.	Storage of Raw materials shall be either in silos or covered areas to prevent dust pollution and other fugitive emissions.	Proper storage facility has been developed (as a covered shed) within the plant. The storage details of the raw materials and photographs of raw material storage facility are enclosed in Annexure 12 .
xx.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	<p>Online monitoring system with Interlocking facilities for the stack emission points in the plant has been installed and same is connected to KSPCB/CPCB server.</p> <p>Online continuous effluent monitoring system is also installed for the required effluent point.</p> <p>The photographs of the Continuous monitoring system installed at stacks and effluent monitoring points are enclosed as Annexure 13.</p>
xxi.	The energy sources for lighting purposes shall preferably be LED based.	Noted and complying with, the energy sources for lighting purposes is LED based.
xxii.	Transportation of raw materials/products should be carefully performed using GPS enabled vehicles.	In this regard, industry has submitted the letter to MoEF & CC dated: 22.10.2019 (enclosed as Annexure 14), and requested to amend this condition, because wood is the major raw material consumed in the pulping process which comes mainly from the unorganized market. Hence, it is highly difficult to ensure the use of GPS enabled vehicles. In addition to that, the industry is taking maximum care for safety precautions while transporting raw materials and end products so that no major damage will be caused to the environment.

S. No.	EC Condition	Status
General Conditions		
i.	The project authorities must strictly adhere to the stipulations made by the Karnataka Pollution Control Board (KSPCB) and the State Government.	Agreed and abide by the condition; Grasim Industries Ltd. adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) 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.	Noted and complying with. New Environmental Clearance (EC) by the Ministry of Environment, Forest and Climate Change vide letter no. IA-J-11011/371/2006-IA II (I) dated 28/05/2025 for the Amendment in Existing Environment Clearance letter was approved dated 13th August, 2019 w.r.t change in production capacity of Fibre (VSF & Excel).
iii.	The locations of Ambient air monitoring stations shall be decided in consultation with the state Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentration anticipated.	Industry has already set up 3 ambient air quality monitoring stations in consultation with the KSPCB. CS ₂ and H ₂ S are being monitored as per the AAQM Guidelines. The monitored values are well within the prescribed standards at all times. Industry has also installed continuous online AAQM stations at all the three locations. The pictures of the ambient air quality monitoring stations for CAAQMs are enclosed as Annexure 15 .
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16th November,2009 shall be complied with.	The NAAQS are being complied with. The ambient air quality monitoring results are enclosed as Annexure 16 .
v.	The Overall Noise level 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 to the standards prescribed under the environment (Protection) Act,1986 and the Rules made thereunder.	The overall noise levels in and around the plant is maintained well within the standards. Adequate equipment including acoustic hoods, silencers, enclosures etc. have been provided on all sources of noise generation. All the equipment are subjected to non-destructive testing. The ambient noise level monitoring results are enclosed as Annexure 17 .
vi.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Rainwater harvesting structures have been constructed to channelize the rainwater flow from rooftops, and paved & cemented area within premises. The facility can collect & use rain water from about 4,08,000 m ² area. The photograph of the structures for channelizing rain water is enclosed as Annexure 18 .

S. No.	EC Condition	Status
vii.	Training shall be imparted to all employees on safety and health aspects of chemical handling-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all Employees on handling of chemicals shall be imparted.	The industry provides training to all employees on safety and health aspects of chemical handling and environmental compliances. General medical examination of all the employees and special tests like lung function test, Spirometry test, hearing capacity test etc. for specific employees are also being conducted regularly as per the requirements and as per Factories Act and records are being maintained. Occupational Health Surveillance Data and training details are enclosed as Annexure 11 and 11A.
viii.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management's mitigation measures and public hearing shall be implemented.	Noted, abide by all the proposed environmental protection and safeguard implementation as per EIA/EMP, Public hearing and documents submitted to the ministry the details of the Environmental Project Implemented with One- time Investment are enclosed as Annexure 9.
ix.	The Company shall undertake all measures for improving socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villagers, administration and other stock holders. Also, eco-developmental measures shall be undertaken for overall improvement of the environment.	Socio-economic developmental activities are being carried out by the Industry under Group's CSR policy. CSR activities are carried out under 5 major headings i.e. Education, Health, Sustainable Livelihood, Infrastructure Development & Social empowerment. In Brief, during the period from October-25 to March-26, the Company incurred CSR expenses across various development initiatives. An amount of ₹38,10,497 was spent on Educational Programmes, while ₹2,93,888 was utilized towards Health Care activities. Expenditure on Sustainable Livelihood initiatives amounted to ₹1,64,268. Further, ₹5,01,500 was invested in Infrastructure Development projects, and ₹14,94,955 was spent on Social Development activities. A detailed CSR activity report along with the photographs of the beneficiaries for Oct-2025 to Mar-2026 are enclosed as Annexure 19.
x.	A separate Environmental Management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Separate environmental cell has been developed having a team of qualified personnel. The structure for Environmental cell is enclosed as Annexure 20. Environment Management Cell takes care of environmental management system implementation, treatment plant operations & maintenance, air & effluent analysis, environmental record management, ensuring the adherence to environmental legal requirements, audits etc. Also, external NABL Accredited Environment Laboratory is equipped with us as AMC.

S. No.	EC Condition	Status
xi.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and climate change as well as the state Government along with the Implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	As a recurring cost Unit has spent Rs.8.17 Crore for the operation of Pulp Plant ETP, including color removal plant, Biogas plant expenses and air pollution control equipment operation at Harihara polyfibers Ltd for the Period Oct-2025 to March-2026. Rs. 4.64 Crore was spent for the perations of Fiber Plant ETP operation and air pollution control equipment at Grasilene Division for the Period Oct-2025 to March-2026. The Recurring /Operation expenditure details for Harihara Polyfibers and Grasilene Division are enclosed as Annexure 21.
xii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila 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 letter was submitted to all the concerned and acknowledgment was taken.
xiii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as by as e-mail) to the respective Regional Office of MoEF &CC. The respective Zonal office of CPCB and SPCB.A copy of Environmental clearance and six-monthly compliance status report shall be posted on the website of the company.	Grasim Industries is regularly submitting the six-monthly compliance reports and the monitored data along with statistical interpretation to the concerned authorities. The acknowledge slip for the submission of the six-monthly compliance report (Apr-Sep 2025) is enclosed as Annexure 22 .
xiv.	The Environmental statement for each financial year ending 31st March in form-V as is mandated shall be submitted 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 clearance conditions and shall also be sent to the respective regional offices of MoEF & CC by e-mail.	Grasim Industries is regularly submitting Environmental statement for each financial year ending 31st March in form-V to the concerned authorities. The copy of email sent for the form-V submission to respective regional offices of MoEF & CC the form-V submission is attached as Annexure 23 .

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/Committee and may also be seen at Website of the Ministry of http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance in letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The industry had advertised in two local newspapers (One in English and one in vernaculars) regarding the accordance of Environmental Clearance by the MoEF. The advertisement appeared in “Deccan Herald”, English paper dated 20.08.2019 & “Prajavani” Kannada paper dated 20.08.2019.
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Conditions issued in the Amended EC vide letter No. MoEFCC Letter No. J-11011/371/2006-IA. II (I) amended on 30.12.2013
Expansion of Viscose Staple Fibre (VSF) Capacity from 51,100 to 87600 TPA and CPP from 10 MW to 20 MW

S. No.	EC Condition	Status
3.0	The Ministry accepts the recommendation of the Expert Appraisal Committee (industry) for amendment in the existing environmental clearance subject to compliance of following additional specific conditions:	Complying with the condition
i.	Zinc bearing effluent shall be segregated from the industrial effluent and treated in ETP. Treated effluent shall conform to the standards prescribed for the effluent discharge. Necessary permission may be obtained from the KSPCB.	Separate stream drain has been provided for the zinc bearing effluent and it is treated in the zinc clarifier provided at ETP.
ii.	Treated effluent shall be passed through guard pond. Online continuous monitoring system viz. pH meter, TOC analyzer and flow meter as well as monitoring facility for relevant pollutants (i.e. Zinc) shall be installed to monitor the treated water quality.	The treated effluent is passed through guard pond. Online continuous monitoring system for pH, BOD, COD, TSS & flow is installed and data is connected to CPCB/ KSPCB server. TOC analyzer is also installed. The geotagged photographs of the Online continuous monitoring system OCMS and TOC analyser are enclosed as Annexure 24 .
iii.	Process effluent / any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Separate drains are provided for process effluent and stormwater. Stormwater drain is passing through the guard pond. Geotagged photographs of Guard pond and stormwater drain are enclosed as Annexure 25 .
iv.	As proposed Zinc bearing sludge shall be sent to Cement plant.	Zinc bearing sludge is being sent to cement bricks manufacturing units.

4.0	All the other conditions will remain unchanged.	Noted and abide by the conditions.
5.0	You are requested to keep this letter with the Environmental Clearance accorded vide letter No. J- 11011/371/2006-IA II (I) dated 8th November, 2007.	Accepted.

**Point Wise Reply on Expansion EC vide Letter No. J-11011/371/2006-IA. II (I)
Dated 8th November, 2007
Expansion of Viscose Staple Fibre (51,100 TPA to 87,600 TPA) and
Captive Power Plant (10 MW to 20 MW)**

S. No.	EC Condition	Status
A. Specific Condition		
i.	<p>The process emissions in the form of SO₂ from the acid plant shall be scrubbed by a caustic or wet scrubber. Electrostatic Precipitators (ESPs) shall be provided to power plant boiler to control particulate matter. Double conversion Double Absorption (DCDA) system in H₂SO₄ production area, 3-stage condensing system for recovery of CS₂, Klaus Kiln Sulphur recovery system to recover.</p> <p>Sulphur from CS₂ plant tail gases etc. shall be provided. Vents from scrubbers and condensers shall be periodically monitored and maintained as per the best practicable technology.</p>	<p>The process emissions in the form of SO₂ from the acid plant are being scrubbed by wet scrubber. ESPs are installed at power plant boiler to control particulate emission. H₂SO₄ is manufactured by DCDA process by burning sulphur in the air to form SO₂, which is then catalytically converted to SO₃ and absorbed in H₂SO₄ in Absorption Towers to get H₂SO₄.</p> <p>Klaus Kiln Sulphur recovery system to recover Sulphur from CS₂ plant tail gases etc. has been provided.</p> <p>Vents from scrubbers and condensers are being periodically monitored and maintained as per the best practicable technology.</p> <p>Unit-wise details for Air Pollution Control Equipment, and photographs are enclosed as Annexure 26.</p>
ii.	<p>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. Further efforts shall be made to bring down CS₂ levels. CS₂ storage tanks shall be provided with water dyke and sprinkling arrangements. The company shall monitor CS₂ and H₂S regularly and data on the emission levels shall be submitted to the Ministry and its Regional Office at Bangalore, KSPCB and CPCB. Provision shall be made for retrofitting additional equipment if necessary.</p>	<p>The technology employed is sufficient to achieve standards notified by the Ministry regarding ambient air quality and stack emission norms for CS₂ and H₂S. Regular monitoring is being carried out and monitoring data is submitted to concerned authorities on regular basis. The ambient air quality results are enclosed as Annexure 16.</p> <ul style="list-style-type: none"> • Following efforts are being made to bring down CS₂ levels: • Line 1 and 2 machines: CS₂ recovery troughs have been replaced with new FRP trough. • Line 1 and 2 conventional cutters are replaced with Chinese cutters. • Line 3 CS₂ recovery trough: SS 904L has been replaced with Astrolite recovery trough. • Line 3 CS₂ vapour scrubber and condenser system are modified to improve the CS₂

		<p>Recovery.</p> <ul style="list-style-type: none"> • Line 1, 2 and 3 are provided with acrylic sheet shutters on machine to minimize the CS₂ entry into atmosphere. • CS₂ storage tanks are provided with water dyke and sprinkling arrangements. • Provisions are being made for retrofitting additional equipment as when required. • Optimized the addition of CS₂ in the process by modifying process retention time and upgrading the technology. • Installed higher capacity process Chilled water Pump for improving CS₂ recovery.
iii.	The industry shall measure ambient air quality for CS ₂ and H ₂ S at the 3 ambient air quality monitoring stations set up in consultation with the KSPCB to ensure CS ₂ and H ₂ S not to exceed 100 µg/m ³ and 150 µg/m ³ respectively.	Industry has already set up 3 ambient air quality monitoring stations in consultation with the KSPCB. CS ₂ and H ₂ S are being monitored as per the AAQM Guidelines. The monitored values are well within the prescribed standards at all times. Industry has also installed continuous online AAQM stations at all the three locations. The ambient air quality monitoring results are enclosed as Annexure 16 .
iv.	The water requirement from River Tungabhadra after expansion shall not exceed 18,670 m ³ /day. Prior permission for the draw of 18,670 m ³ /day water from Tungabhadra river shall be obtained from the concerned Department. The quantity of wastewater shall not exceed 61.2 m ³ /Ton of product as proposed for the expansion plant. Sodium sulphate recovery shall be increased from 71.4% to 89% in the proposed expansion. All the wastewater shall be treated in effluent treatment plant (ETP) having primary and secondary treatment facilities and treated waste water shall be discharged into river only after meeting the standards prescribed by the KSPCB or under EPA whichever are more stringent.	The water requirement from River Tungabhadra does not exceed 18,670 m ³ /day after expansion and Prior permission for water withdrawal has been obtained from the concerned authority. The quantity of wastewater will not exceed 63.87 m ³ /Ton of product as proposed for the expansion plant and maintained at 44.17 m ³ /Ton of product. Overall, 89.54% Na ₂ SO ₄ recovery is achieved and efforts are being made for further recovery. The wastewater is being treated in effluent treatment plant (ETP) having primary and secondary treatment facilities and treated waste water is being discharged into river only after meeting the standards prescribed by the KSPCB or under EPA whichever are more stringent. Continuous online effluent analyzing device is installed at mixed effluent outlet point.
v.	The fly ash from power plant boilers shall be utilized as per Fly ash notification, 1999 and subsequently amended in 2003.	The fly ash from power plant boilers is being utilized as per Fly ash notification, 1999 and subsequently amended in 2003. During Oct 2025 to Mar 2026, a total of 34444.32 TPM of fly ash was generated and entire quantity has been sold to brick manufacturing units. The details for Fly Ash Generated during Oct 2025 to Mar 2026 are enclosed as Annexure 27 .
vi.	The solid waste shall be segregated according to its calorific content and stored	Solid waste is being segregated according to its calorific content and stored separately for

	separately for treatment and disposal. De-ashed charcoal, churi, dried ETP sludge shall be mixed with coal and used as fuel in boilers. Used/waste oil shall be provided to registered recyclers/ re-processors.	treatment and disposal. De-ashed charcoal, churi and ETP organic sludge are being used in Boiler as fuel after mixing with coal. Used oil is being sold to KSPCB authorized recycler. The copy of the authorization is enclosed as Annexure 3.
vii.	Green belt of adequate width and density shall be developed in 14 ha out of 41 ha project area to mitigate the effect of fugitive emissions all around 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.	Out of the total plant area i.e. 266 ha, 96 ha (36% of the plant area) has been developed and maintained as greenbelt to mitigate the effect of fugitive emissions. Photographs showing the green belt which has been developed within and around the industry in consultation with the local DFO as per the CPCB guidelines are enclosed as Annexure 8.
viii.	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.	Grasim has complied with the environmental protection measures and safeguards recommended in EIA/EMP/Risk analysis reports as well as the recommendations of the public hearing panel.
B. GENERAL CONDITIONS		
S. No.	EC Condition	Status
i.	The project authorities must strictly adhere to the stipulations made by the Karnataka Pollution Control Board (KSPCB) and the State Government.	Grasim Industries Ltd. are adhering to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) 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.	Noted and complying with. New Environmental Clearance (EC) with amendment approval is issued by the Ministry of Environment, Forest and Climate Change vide letter no. IA-J-11011/371/2006-IA II (I) dated 28/05/2025 for the Amendment in Existing Environment Clearance letter dated 13th August, 2019 w.r.t change in production capacity of Fibre (VSF & Excel).
iii.	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19.05.1993 and standards prescribed from time to time. The State Board may specify more stringent standards for relevant parameters keeping in view nature of the industry and its size and location. At no time, emission levels shall go beyond prescribed standards. Continuous monitoring system shall be installed in stacks to monitor SPM and interlocking facilities shall be provided so that process can be automatically stopped	Online monitoring system with Interlocking facilities for the stack emission points in the plant has been installed and same is connected to KSPCB and CPCB server. The online data has been transmitted to CPCB/SPCB server. The Stack emission results and Photographs of the Continuous monitoring system installed at stacks are enclosed as Annexure 28.

	in case emission level exceeds limit.	
iv.	At least three ambient air quality monitoring stations shall be established in the downward direction as well as where maximum concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the KSPCB. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Bangalore/KSPCB and CPCB once in six months.	Grasim Industries had already established three ambient air quality monitoring stations in downward direction as well as where maximum concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the KSPCB. The photographs of the ambient air quality monitoring stations at all locations are enclosed as Annexure 15 . Data on ambient air quality and stack emissions is being regularly submitted to Ministry including its Regional Office at Bangalore/KSPCB and CPCB once in six months along with the EC Compliance report.
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 KSPCB. Action shall be taken to reduce fugitive emissions in the work zone environment as far as possible. Dust collectors shall be provided at transfer points to control fugitive emissions.	Fugitive emissions in the work zone environment are being monitored regularly and the values are well within the prescribed standards. The results of Fugitive emissions in the work zone and photographs for fugitive emissions control are enclosed as Annexure 29 . Measures taken to reduce fugitive emissions are: <ul style="list-style-type: none"> • Motorized shutters are provided on machine to minimize the fugitive emissions • Transfer of fly ash is/will be done through pneumatic conveying system and stored in closed silos. • Wagon Tippler installed for unloading the coal and transferring directly into boiler, which will reduce the dust emission at shop floor. • Covered conveyor belts are/will be used for material transfer within the plant premises. • Regular sweeping of all the roads and floors is being / will be done with the help of vacuum sweeping machine. • Water sprinkling is being / will be done on roads near coal and fly ash storage areas. • Dust collectors are being provided at transfer points to control fugitive emissions. • At Grasilene plant main gate entrance road, Concrete Road has been made to minimize the fugitive emission.
vi.	Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the KSPCB. Regular monitoring shall be carried out for relevant parameters.	Three monitoring stations has been established to monitor the influent and effluent quality in consultation with the KSPCB and regular monitoring is being carried out. Photographs of effluent quality monitoring stations are enclosed as Annexure 24 .
vii.	Industrial wastewater shall be properly collected and treated so as to conform to the	Industrial Waste water is being collected and treated in Effluent Treatment Plant (ETP).

	standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be discharged into river only after meeting the standards prescribed by the KSPCB or under E(P)A, whichever are more stringent.	Effluent is being treated based on primary treatment for clarification and neutralization followed by secondary treatment designed on the principle of extended aeration activated sludge process. Treated water conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. KSPCB has given permission for discharging the treated effluent after mixing with the sewage from the plant vide their letter Consent order AW-327298 dated 07.10.2021. Discharge of effluent is less than 16840 m ³ /d. The combined effluent is meeting the stipulated standards. The Treated effluent Report- : Harihar Polyfibers and Grasilene Division (Oct 25 to Mar 26) are enclosed as Annexure 30 .
viii.	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.	Industry is complying with the rules and regulations under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 and further amendments. Approvals from Chief Inspector of Factories, Chief Inspector of Explosives, Fire and Safety Inspectorate etc. has been obtained vide letter no. MY-DWR-783 (Grasim Industries Ltd Unit Grasilene), MY-DWR-508 (Grasim Industries Ltd Harihar Polyfibers) valid up to 31.12.2026. (Factory License) are enclosed as Annexure 31 .
ix.	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 KSPCB must be obtained for collection, storage, treatment and disposal of hazardous wastes.	Grasim industries are strictly adhering to the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and further amendments. Authorization from the KSPCB has been obtained for collection, storage, treatment and disposal of hazardous wastes vide Authorization No. 329923 dated 22.02.2022 and it valid upto 30.06.2026. A copy of the authorization is enclosed as Annexure 3 .
x.	The overall noise levels in and around the plant area shall be kept within the standards (85 dBA) by providing noise 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).	The overall noise levels in and around the plant are maintained well within the standards. Adequate equipment including acoustic hoods, silencers, enclosures etc. have been provided on all sources of noise generation. Equipment are subjected to Non- Destructive Testing. The Ambient noise levels conform to the standards prescribed under the Environment (P) Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). The Noise monitoring results are enclosed as Annexure 17 .

xi.	Rainwater shall be harvested to conserve the fresh water and recharge the ground water and an action plan shall be submitted to the Ministry.	The industry has constructed two reservoirs of capacity 18 Lakh m ³ and 16 lakh m ³ respectively to harvest and store the rain water and excess runoff water from Tungabhadra River during monsoon season, thereby facilitating groundwater recharge. Rainwater harvesting structures were constructed to channelize the rainwater flow from rooftops, paved and cemented area within premises. The facility available can collect and use rain water from about 4,08,000 m ² area. Industry is not using groundwater for plant operations. The photos of the reservoirs are attached in Annexure 6 .
xii.	All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees be ensured as per the Factories Act and records maintained, specifically for those who 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.	Grasim Industries Ltd. commits to create and maintain safe and healthy work environment for employees, against hazards and risks through: Continuously developing and maintaining safe work practices. <ul style="list-style-type: none"> • Focusing on operational and occupational hazards and risks. • Creating awareness about preventive health and safety measures. The six-monthly compliance report is being/ will be submitted to concerned offices. • Specialists such as cardiologists, ophthalmologists, and Orthopedic Surgeons are visiting our medical Centre minimum once in a month as Consultants and this facility is extended to all employees and their family members. Details for the Occupational health surveillance of the workers and picture of the occupational health center are enclosed as Annexure 11 .
xiii.	A separate Environment Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and monitoring functions.	A separate Environment Management Cell is established which takes care of environmental management system implementation, treatment plant operations and maintenance, air and effluent analysis, environmental record management, ensuring the adherence to environmental legal requirements, audits etc. The structure for Environmental cell is enclosed as Annexure 20 .
xiv.	All the recommendations of the Charter on the Corporate Responsibility for the Environmental protection (CREP) for the fibre plants shall be implemented.	All the recommendations made in the CREP for Pulp plant had been implemented. The details are attached as Annexure 32 .
xv.	The company must undertake socio-economic development activities in the surrounding villages like community	Socio-economic developmental activities are being carried out by the Industry under Group CSR policy. CSR activities are carried out under

	development programs, educational programs, drinking water supply and health care etc. for the overall improvement of the environment.	5 major headings i.e. Education, Health, Sustainable Livelihood, Infrastructure Development and Social empowerment. CSR activity report along with the photographs of the beneficiaries for Oct 2025 - Mar 2026 are enclosed as Annexure 19 .
xvi.	As proposed in EIA/EMP, Rs. 45.00 Crores and Rs. 4.50 Crores earmarked towards capital cost and recurring cost/annum for 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 Bangalore. The funds shall not be diverted for any other purposes.	Out of the total project cost i.e. Rs. 45.00 Crores, Grasim Industries has earmarked Rs. 4.50 Crores for the environmental pollution control measures. As proposed requisite fund earmarked for environment protection is not diverted to any other purpose. A time bound implementation schedule for implementing all the conditions stipulated herein are being submitted to the Ministry's Regional Office at Bangalore. Rs. 4.64 Cr was spent for the operations of Fibre plant ETP and Air pollution control equipment at Grasilene Division during the Period Oct-2025 to March-2026 The Recurring /Operation expenditure details are enclosed as Annexure 21 .
xvii.	The regional Office of this Ministry at Bangalore/CPCB/KSPCB shall monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted regularly.	Grasim Industries is regularly submitting the six-monthly compliance reports and the monitored data along with statistical interpretation to the concerned authorities. The acknowledge slip for the submission of the six- monthly compliance report (Apr – Sep 2025) is enclosed as Annexure 22 .
xviii.	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 KSPCB/Committee 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 locally concerned and a copy of the same should be forwarded to the Regional office at Bangalore.	The industry had advertised in two local newspapers (One in English and one in vernaculars) regarding the approval of Environmental Clearance by the MoEF. The advertisement appeared in Deccan Herald, an English paper dated 15.11.2007 and Prajavani a Kannada paper dated 14.11.2007.
xix.	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 commencing the land development work.	The same has been informed to the concerned authorities.



**Consent For Operation
(CFO-Air,Water)**

**Consent No. AW-327349
Valid upto: 30/06/2026**

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 5 pages including annexure & excluding additional conditions)

Combined Consent Order No. AW-327349 **PCB ID:** 23495 **Date:** 07/10/2021

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

- Ref: 1. Application filed by the applicant/organization on 22/06/2021
2. Inspection of the Industry/organization/by RO, on 16/06/2021
3. Proceedings of the ECM dated 04/08/2021 ,held on 29/07/2021

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Harihara Polyfibers Ltd.,(Unit Of Grasim Industries Ltd.,)
Address: 1,2,3/1,2/1,4,5/1,5/2,6/1,6/2,6/3,6/4,7/1A,7/1B,7/2A/1, Kumarapatnam, Ranebennur-Tq,Haveri-Dist.
Industrial Area: , Kumarapatnam,
Taluk: Davanagere, District: Davanagere

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Boiler Feed	1300.000	400.000	Boiler blowdown is treated in ETP.
2	Domestic Purpose	270.000	200.000	Domestic wastewater is being discharge into septic tank & Soak pit, overflow will be taken to ETP.
3	Manufacturing Processes	32800.000	32400.000	Process waste water is being treated in ETP
4	Others	1630.000	0.000	Water loss during process Gardening and Misc.

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	rayon grade pulp	7112.5000	TON

This consent is valid for the period from 01/07/2021 **to** 30/06/2026

To,
Harihara Polyfibers Ltd.,(Unit Of Grasim Industries Ltd.,)

COPY TO:

- The Environmental Officer, KSPCB, Regional Office Davanagere for information and necessary action.
2. Master Register.
3. Case file.

Consent Fee paid : Rs. 1000000



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SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.

2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.

2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.

3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I

3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.

5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.

6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:

8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.

2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.

3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.

2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.

2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



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E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

- The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
- The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
- The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
- The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
- The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
- The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
- The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should be made easily approachable.
- The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
- The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.



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10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.

NOTE:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the additional terms and conditions stipulated in Annexures I & A attached here.
2. This consent order contains 8 pages including Annexures.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Hot Air Generator	HAG stack not in use	0	PM(mg/NM3), SO2 (PPM), NOx(PPM)	0,0,0	LDO	N.A	Before commissioning.
2	Any Other	Lime Kiln - 130 TPD	30	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,0,0	F.O	ESP	Before commissioning.
3	Boiler	105 TPH steam generation	85	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,0,0	BLK	ESP	Before commissioning.

Note:

N.A : Not Applicable

ESP : E.S.P

ESP : E.S.P



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Note:

1. The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
3. There shall be no smell or odour nuisance from the industry.

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board

Signature Not Verified

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**Consent For Operation
(CFO-Air,Water)**

**Consent No. AW-327298
Valid upto: 30/06/2026**

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

Combined Consent Order No. AW-327298 **PCB ID:** 23496 **Date:** 07/10/2021

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

- Ref: 1. Application filed by the applicant/organization on 22/06/2021
2. Inspection of the Industry/organization/by RO, on 16/06/2021
3. Proceedings of the ECM dated 04/08/2021 ,held on 29/07/2021

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Grasilene Division(Unit Of Grasim Industries)Kumarapatnam, Ranebennur-Tq,Haveri-
Address: 17,18,20,55,60,61,62,63,64,65,67,68,69,70, Kumarapatnam, Ranebennur-Tq,Haveri-Dist.
Industrial Area: Not In I.A, Kumarapatnam,
Taluk: Davanagere, District: Davanagere

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Boiler Feed	5300.000	2280.000	Boiler blowdown will be treated in Existing ETP.
2	Domestic Purpose	150.000	120.000	Domestic wastewater is being treated in septic tank And overflow connected to ETP.
3	Manufacturing Processes	15030.000	14430.000	Process wastewater will be treated in existing ETP of capacity 20,000 KLD, treated water will be discharge into River.
4	Others	260.000	10.000	Used for gardening

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	by product sodium sulphate	7210.0000	TON
2	carbon di-sulphide for captive consumption	1296.8300	TON
3	excel fiber	0.000	TON
4	power plant	20.0000	MWH
5	sulphuric acid for captive consumption	6387.5000	TON
6	viscose staple fibre	9125.0000	TON

This consent is valid for the period from 01/07/2021 to 30/06/2026

To,
Grasilene Division(Unit Of Grasim Industries)Kumarapatnam, Ranebennur-Tq,Haveri-

COPY TO:

The Environmental Officer, KSPCB, Regional Office Davanagere for information and necessary action.

- Master Register.
- Case file.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327298
Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

Consent Fee paid : Rs. 1500000

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.

2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.

2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.

3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I

3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.

5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.

6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:

8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.

2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.

3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.

2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.

2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327298
Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

- The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
- The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
- The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
- The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
- The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
- The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
- The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should be made easily approachable.
- The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
- The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327298
Valid upto: 30/06/2026

Karnataka State Pollution Control Board
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(This document contains 6 pages including annexure & excluding additional conditions)

10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.

NOTE:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the additional terms and conditions stipulated in Annexures I & A attached here.
2. This consent order contains 9 pages including Annexures.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327298
Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
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Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Boiler	100TPH CFBC Boiler-2No-CFEx	110	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,0,0	COA	ESP	Before commissioning.
2	Boiler	Power plant stack	110	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,0,0	COA	ESP	Before commissioning.
3	Any Other....	Carbon Disulphide stack	32	PM(mg/NM3), SO2 (PPM), NOx(PPM)	CS2		SCR	Before commissioning.
4	Sulphuric Acid Plant	Sulphuric Acid plant Stack	51	PM(mg/NM3), SO2 (PPM), NOx(PPM)	50,1.0,0	H2SO4 mist and SO2	SCR	Before commissioning.
5	Any Other....	Spinning plant stack	175	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,0,0	SPM, CS2, H2S	N.A	Before commissioning.

Note:

ESP : E.S.P

SCR : Scrubber

SCR : Scrubber

N.A : Not Applicable

Note:

- The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
- There shall be no smell or odour nuisance from the industry.

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-327298
Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
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Tele : 080-25589112/3, 25581383
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email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

For and on behalf of the
Karnataka State Pollution Control Board

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Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329923

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church
Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

Authorization No: 329923 **PCB ID:** 23496 **Date:** 22/02/2022

FORM FOR GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

- Ref: 1. Authorization application submitted by the industry/organization on 10/11/2021 at Regional Office.
2. Inspection of the project site/organization by Regional Officer , Davanagere on 08/11/2021
3. Proceedings of CCM dated: , held on:

1. Number of authorization 329923 and date of issue 22/02/2022
2. Reference of application No. 22263 Inward Date 10/11/2021
3. Sr.President of Grasilene Division(Unit Of Grasim Industries)Kumarapatnam, Ranebennur-Tq,Haveri- is hereby granted an authorization based on the enclosed signed inspection report for Generation,Collection,Reception,Storage,Reuse or any other use of hazardous or other wastes or both on the premises situated at the location **Address:** 17,18,20,55,60,61,62,63,64,65,67,68,69,70 , Kumarapatnam, Ranebennur-Tq,Haveri-Dist. **Industrial Area :** Kumarapatnam , **Taluk :** Davanagere , **District :** Davanagere

Details of Authorization:

Category of Hazardous waste as per the Schedule I,II,III & IV of these rules	Description of Hazardous Waste	Quantity/Annum	Unit	Authorized Mode of Disposal or recycling or utilization or co-processing, etc.,
I	33.1~Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	65.000	M.T	As Per Annexure
I	5.2~Wastes Residues Containing Oil	1.000	M.T	As Per Annexure
	17.2~Spent Catalyst	1.000	M.T	As Per Annexure
I	35.2~Spent ion exchange resin containing toxic metals	3.000	M.T	As Per Annexure
I	5.1~Used Spent Oil	5.000	M.T	As Per Annexure



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329923

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

17.1~Residues Dusts Or Filter Cakes	72.000 M.T	As Per Annexure
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1. The authorization shall be valid for a period upto 30/06/2026

A. General Conditions of authorization:

1. The authorized person 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 Karnataka State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes and other wastes except what is permitted through this authorization and without obtaining prior permission of the KSPCB.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person 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 Waste and Penalty".
7. It is the duty of the authorized person to take prior permission of the Karnataka State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
10. 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.
11. An application for the renewal of an authorization shall be made '**3**' months before the date of expiry.
12. The Person authorized shall bring to the notice of the Board, if any increase in quantity, change in category and handling operation. In such cases, the authorized Person has to obtain fresh authorization.
13. Karnataka State Pollution Control Board reserves the right to review, impose additional condition or



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329923

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church
Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

conditions, revoke, change or alter the terms and conditions of this authorization or to suspend or cancel this authorization.

14. The Person authorized shall take steps for reduction and prevention of the waste generated or for recycling or reuse.
15. The authorized person shall maintain the records at site in Form-3 and shall submit the annual returns in Form-4 within 30th June every year for the Period April to March and manifest in Form-10.
16. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
17. The hazardous and other waste which gets generated during recycling or reuse or recovery or per-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
18. The transportation of hazardous waste shall have to be carried out only through registered/authorized vehicles meant for transportation of hazardous waste.
19. The Person Authorized shall not store the Hazardous Waste more than ninety days as per Rule 8 (1).
20. The Person Authorized shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
21. Display Boards: The person authorized shall display sign boards at the storage site as "Hazardous Waste Storage Site" and "Danger" and the site shall be provided with accident preventive measures.

Additional Conditions:

General Conditions Nil are not applicable.

For and on behalf of the
Karnataka State Pollution Control Board

CHIEF/ SENIOR ENVIRONMENTAL OFFICER

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office,for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329923

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church
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Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329924

Valid upto: 30/06/2026

(This document contains 4 pages excluding annexure)

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church
Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

Authorization No: 329924 **PCB ID:** 23495 **Date:** 22/02/2022

FORM FOR GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

- Ref: 1. Authorization application submitted by the industry/organization on 10/11/2021 at Regional Office.
2. Inspection of the project site/organization by Regional Officer , Davanagere on 08/11/2021
3. Proceedings of CCM dated: , held on:

1. Number of authorization 329924 and date of issue 22/02/2022
2. Reference of application No. 22260 Inward Date 10/11/2021
3. Sr. President of Harihara Polyfibers Ltd.,(Unit Of Grasim Industries Ltd.,) is hereby granted an authorization based on the enclosed signed inspection report for Generation,Collection,Reception,Storage,Reuse or any other use of hazardous or other wastes or both on the premises situated at the location **Address:** 1,2,3/1,2/1,4,5/1,5/2,6/1,6/2,6/3,6/4,7/1A,7/1B,7/2A/1 , Kumarapatnam, Ranebennur-Tq,Haveri-Dist. **Industrial Area :** Kumarapatnam , **Taluk :** Davanagere , **District :** Davanagere

Details of Authorization:

Category of Hazardous waste as per the Schedule I,II,III & IV of these rules	Description of Hazardous Waste	Quantity/Annum	Unit	Authorized Mode of Disposal or recycling or utilization or co-processing, etc.,
I	35.2~Spent ion exchange resin containing toxic metals	3.000	M.T	As Per Annexure
I	5.1~Used Spent Oil	3.900	KLT	As Per Annexure
I	33.1~Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	25.000	M.T	As Per Annexure
I	5.2~Wastes Residues Containing Oil	1.000	M.T	As Per Annexure

1. The authorization shall be valid for a period upto 30/06/2026

A. General Conditions of authorization:



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329924

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

1. The authorized person 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 Karnataka State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes and other wastes except what is permitted through this authorization and without obtaining prior permission of the KSPCB.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person 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 Waste and Penalty".
7. It is the duty of the authorized person to take prior permission of the Karnataka State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
10. 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.
11. An application for the renewal of an authorization shall be made '**3**' months before the date of expiry.
12. The Person authorized shall bring to the notice of the Board, if any increase in quantity, change in category and handling operation. In such cases, the authorized Person has to obtain fresh authorization.
13. Karnataka State Pollution Control Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of this authorization or to suspend or cancel this authorization.
14. The Person authorized shall take steps for reduction and prevention of the waste generated or for recycling or reuse.
15. The authorized person shall maintain the records at site in Form-3 and shall submit the annual returns in Form-4 within 30th June every year for the Period April to March and manifest in Form-10.



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329924

Valid upto: 30/06/2026

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

16. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
17. The hazardous and other waste which gets generated during recycling or reuse or recovery or per-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
18. The transportation of hazardous waste shall have to be carried out only through registered/authorized vehicles meant for transportation of hazardous waste.
19. The Person Authorized shall not store the Hazardous Waste more than ninety days as per Rule 8 (1).
20. The Person Authorized shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
21. Display Boards: The person authorized shall display sign boards at the storage site as “Hazardous Waste Storage Site” and “Danger” and the site shall be provided with accident preventive measures.

Additional Conditions:

General Conditions Nil are not applicable.

For and on behalf of the
Karnataka State Pollution Control Board

CHIEF/ SENIOR ENVIRONMENTAL OFFICER

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.



Form 2 -[Rule 6(2)] Authorization
under Hazardous & Other Wastes
[Management & Transboundary
Movement]Rules,2016

Authorization No: 329924

Valid upto: 30/06/2026

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(This document contains 4 pages excluding annexure)

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ

ನಿಯಂತ್ರಣ ಮಂಡಳಿ

ಕರ್ನಾಟಕ

Signature Not Verified

Digitally signed by
Date: 2022.02.22 15:08:24
+05:30

Source Control and Fugitive Emissions Measures

Emissions	Plant Unit	Pollution Control/ Mitigation measures adopted
Stack Emission		
Recovery Boiler	HPF	Electrostatic Precipitator with chimney height 85 Mtrs
Lime Kiln	HPF	Electrostatic Precipitator with chimney height 30 Mtrs
Spinning Stack	GRD	Cs ₂ Recovery System with chimney height 175 Mtrs
Sulphuric Acid Plant	GRD	Alkali Scrubber and Demister with chimney height 51 Mtrs
Carbon Di-Sulphide Plant	GRD	Klaus Kiln for Sulphur Recovery from CS ₂ plant and Alkali scrubber with chimney height 32 Mtrs
Power Plant Coal Fired Boiler	GRD	Electrostatic Precipitator with chimney height 110 Mtrs
Fugitive Emission		
	HPF & GRD	<ul style="list-style-type: none"> • Motorized shutters are provided on machine to minimize the fugitive emissions • Transfer of fly ash is/will be done through pneumatic conveying system & stored in closed silos.
		<ul style="list-style-type: none"> • Wagon Tippler system installed for unloading the coal and transferring directly into boiler, which will reduce the dust emission at shop floor.
		<ul style="list-style-type: none"> • Covered conveyor belts are/will be used for material transfer within the plant premises. • Regular sweeping of all the roads and floors is being / will be done with the help of vacuum sweeping machine. • Water sprinkling is being / will be done on roads near coal and fly ash storage areas. • On regular basis Water spraying being done on roads where the heavy vehicles movements are taking place to minimize the fugitive emission. • Dust collectors are being provided at transfer points to control fugitive emissions. • Powder PAC replaced with liquid PAC to avoid fugitive emission at source. • At Grasilene plant main gate entrance Road, Concrete Road made to minimize the fugitive emission.

ADITYA BIRLA



Date: 16.09.2025

To,
The Assistant Executive Engineer
KNNL, No.4 canal Sub Division
Harihar

Dear Sir,

Sub: Renewal of water Agreement for Industrial use.
Ref: 1. Our letter Dated 13th May, 2025
2. Agreement Dated: 13th August, 2021

It is respectfully submitted that Grasim Industries Limited, Harihar Polyfibers had entered into an agreement dated 13th August 2021 with KNNL for lifting of water from the Tungabhadra River for its industrial use. The said agreement is valid from 01.07.2020 to 30.06.2025.

As the validity of the agreement was up to 30.06.2025, we had initiated the renewal process vide our letter dated 13.05.2025. We were informed by your good office that, as per the standard procedure, an initial site inspection of our plant would be conducted immediately after receipt of the renewal application. However, due to certain unavoidable circumstances, the inspection could not be taken up.

We request you to kindly intimate us regarding the schedule of the site inspection and advise us on the documents and fees required to be submitted, so that the renewal process can be carried out smoothly and without further delay.

We look forward to your kind consideration and early action in the matter.

Thanking You,

Yours faithfully,

For Grasim Industries Limited
(Harihar Polyfibers)

Subhas Kumar Sharma
Subhas Kumar Sharma
Vice President (F&C)
(Authorised Signatory)



CC: The Executive Engineer
KNNL, No.5, Bhadra Canal Division
Davangere. - 577001



Birla Cellulose
Fibres from Nature

Grasim Industries Limited
Unit : Harihar Polyfibers

Kumarapatnam 581123, Dist. Haveri, Karnataka.

W : www.grasim.com | E : grasimharihar@adityabirla.com | CIN : L17124MP1947PLC000410
Regd. Office : P.O. Birlagram, Nagda 456 331 (M.P.)



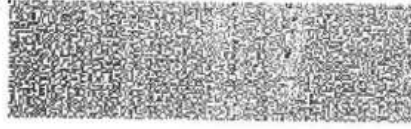
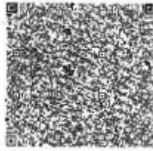


INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA48361587326550T
Certificate Issued Date : 15-Jul-2021 04:12 PM
Account Reference : NONACC (BK)/ kakscub08/ HARIHAR/ KA-DV
Unique Doc. Reference : SUBIN-KAKAKSCUB0862087834724866T
Purchased by : HARIHAR POLYFIBERS PROP GRASIM INDUSTRIES LTD KPT
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : HARIHAR POLYFIBERS PROP GRASIM INDUSTRIES LTD KPT
Second Party : EXECUTIVE ENGINEER KNNL DAVANAGERE
Stamp Duty Paid By : HARIHAR POLYFIBERS PROP GRASIM INDUSTRIES LTD KPT
Stamp Duty Amount(Rs.) : 1,000
(One Thousand only)



ಮೆ|| ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ., (ಹರಿಹರ ಪಾಲಿಫೈಬರ್ಸ್) ಕುಮಾರಪಟ್ಟಣಂ, ಹಾವೇರಿ ಜಿಲ್ಲೆ ಇವರಿಗೆ ತುಂಗಭದ್ರಾ ನದಿಯಿಂದ ನೀರನ್ನು ಒದಗಿಸುವ ಪರವಾನಗಿಯನ್ನು ನವೀಕರಿಸುವ ಕರಾರು ಪತ್ರ

ಕರ್ನಾಟಕ ರಾಜ್ಯದ ರಾಜ್ಯಪಾಲರ (ಇದರಲ್ಲಿ ಈ ಹಿಂದೆ ಮತ್ತು ಇದರಲ್ಲಿ ಇನ್ನು ಮುಂದೆ ಸರ್ಕಾರ ಎಂದು ಉಲ್ಲೇಖಿಸುವುದು.) ಪರವಾಗಿ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್ ಕೆ.ನೀ.ನಿ.ನಿ, ನಂ. 5 ಭದ್ರಾ ನಾಲಾ ವಿಭಾಗ, ದಾವಣಗೆರೆ ರವರು ದಿನಾಂಕ: 13.07.2021 2021 ನೇ ಇಸವಿ ರಂದು ಮೆ|| ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ., (ಹರಿಹರ ಪಾಲಿಫೈಬರ್ಸ್) ಕುಮಾರಪಟ್ಟಣಂ, ರವರೊಂದಿಗೆ ಕಾರ್ಯನಿಗೆ ನೀರೊದಗಿಸುವ ಸಂಬಂಧವಾಗಿ ದಿನಾಂಕ: 01.07.2020 ರಿಂದ ಅನ್ವಯವಾಗುವಂತೆ ಕರಾರನ್ನು ಮಾಡಿಕೊಳ್ಳಲಾಗಿದೆ.



S. K. SHARMA
SUBHAS K. SHARMA

Statutory Alert:

1. The authenticity of the e-stamp certificate should be verified by the user through the e-Stamp Mobile App or Stock Holding Reports on the Certificate's QR code available on the Backside of the Certificate.
2. The responsibility of the user is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

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ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ: ಜಸಂಇ.136:ಎಂಎಂಬಿ:2020 ಬೆಂಗಳೂರು ದಿನಾಂಕ: 25.03.2021. ರಲ್ಲಿ ಮೆ|| ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ., (ಹರಿಹರ ಪಾಲಿಫೈಬರ್) ಕುಮಾರಪಟ್ಟಣಂ, ರಾಣಿಬೆನ್ನೂರು ತಾಲ್ಲೂಕು, ಹಾವೇರಿ ಜಿಲ್ಲೆ, ತುಂಗಭದ್ರಾ ನದಿಯಿಂದ ಪ್ರತಿದಿನ ಸುಮಾರು 40 ಕ್ಯೂಸೆಕ್ಸ್ ನೀರನ್ನು ಮಾತ್ರ ಉಪಯೋಗಿಸಲು ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.

ಷರತುಗಳು

- ಯಾವ ಉದ್ದೇಶಕ್ಕಾಗಿ ನೀರನ್ನು ಉಪಯೋಗಿಸಲು ಸಂಸ್ಥೆ ಅನುಮತಿ ನೀಡಲಾಗಿಲ್ಲ, ಅದೇ ಉದ್ದೇಶಕ್ಕಾಗಿ ಉಪಯೋಗಿಸತಕ್ಕದ್ದು.
- ಕಂಪನಿ ಮತ್ತು ನೀರು ಸಂಗ್ರಹಣೆ ಮತ್ತು ಕೊಳವೆ ಬಾವಿಗಳಿಂದ ಲಭ್ಯವಾಗುವ ನೀರನ್ನು ಗಣನೀಯವಾಗಿ ದುರುಪಯೋಗಿಸಬಾರದು. ಉಳಿ ಪ್ರಮಾಣದ ನೀರನ್ನು ಮಾತ್ರ ನದಿಯಿಂದ ಪಡೆಯತಕ್ಕದ್ದು.
- ನದಿಯ ಮೂಲದಿಂದ ನೀರನ್ನು ಯಾವುದೇ ತಡೆಗೋಡೆ ನಿರ್ಮಿಸದೇ ಸ್ವಾಭಾವಿಕವಾಗಿ ಹರಿಯುವ ನೀರನ್ನು ಉಪಯೋಗಿಸಿಕೊಳ್ಳುವುದು. ನದಿ ಪಾತ್ರದ ನೀರಾವರಿ ವ್ಯವಸ್ಥೆಗೆ ಯಾವುದೇ ತೊಂದರೆ ಇಲ್ಲವೇ ಅಡಚಣೆಯನ್ನು ಉಂಟು ಮಾಡಬಾರದು.
- ನೀರಿನ ಬೇಡಿಕೆಯನ್ವಯ ವಿಸ್ತೃತ ಸಾಮರ್ಥ್ಯದ ಪಂಪ್ ಮತ್ತು ಮೋಟಾರ್‌ಗಳನ್ನು ನದಿಯಿಂದ ನೀರೆತ್ತಲು ಅಳವಡಿಸಿಕೊಂಡಿರುವ ಬಗ್ಗೆ ಉಪ ವಿಭಾಗ ಮತ್ತು ವಿಭಾಗಾಧಿಕಾರಿಗಳಿಂದ ದೃಢೀಕರಣ ಪತ್ರಗಳನ್ನು ಪಡೆಯುವುದು.
- ಯಾವುದೇ ಕಾರಣದಿಂದ ಯಾವುದೇ ಸಮಯದಲ್ಲಿ ನದಿಯಲ್ಲಿ ನೀರು ಕಡಿ ಯಾದ ಕಂಪನಿ ಉಂಟಾಗಬಹುದಾದ ನಷ್ಟ ಸರ್ಕಾರದಿಂದ ಯಾವುದೇ ಪರಿಹಾರ ನೀಡಲಾಗುವುದಿಲ್ಲ. ನದಿಯಲ್ಲಿ ನೀರಿನ ಹರಿವು ಕಡಿಮೆಯಾದಾಗ ಕಂಪನಿಯು ನೀರಿನ ಪೂರೈಕೆಗಾಗಿ ಬೇರೆ ಸೂಕ್ತ ವ್ಯವಸ್ಥೆಯನ್ನು ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಯೋಜನೆಯಿಂದ ನದಿಯ ನೀರಿನ ಹರಿವಿನ ಪಥವು ಬದಲಾಯಿಸಿದಲ್ಲಿ ಇದರಿಂದ ಆಗುವ ದುಷ್ಪರಿಣಾಮ ಮತ್ತು ಅನಾಹುತಗಳಿಗೆ ಕಂಪನಿಯೇ ಜವಾಬ್ದಾರರು.
- ಕಂಪನಿಯು ನದಿಯಿಂದ ನೀರು ತರುವ ಸ್ಥಳಗಳ ಆಳಾಗದಲ್ಲಿ ಬರುವ ಡಿಯುವ ನೀರಿನ ಮಟ್ಟಗಳ ಯಾವುದೇ ತೊಂದರೆಯಾಗದಂತೆ ಎಚ್ಚರ ವಹಿಸತಕ್ಕದ್ದು.
- ಯಾವುದೇ ಕಾರಣದಿಂದ ಸರ್ಕಾರ ಅಥವಾ ಅದರ ನಿಯೋಜಿತ ಅಧಿಕಾರಿಗಳು ಕಂಪನಿ ನೀರನ್ನು ಉಪಯೋಗಿಸಲು ತಡೆಮಾಡಬಹುದು. ಇದಕ್ಕೆ ಸರ್ಕಾರ ಅಥವಾ ಅದರ ನಿಯೋಜಿತ ಅಧಿಕಾರಿಗಳು ಯಾವುದೇ ಕಾರಣಗಳನ್ನು ನೀಡಬೇಕಿಲ್ಲ. ಇದರಿಂದ ಕಂಪನಿಗೆ ನಷ್ಟವಾದಲ್ಲಿ ಸರ್ಕಾರ ಜವಾಬ್ದಾರರಲ್ಲ ಹಾಗೂ ಯಾವುದೇ ನಷ್ಟವನ್ನು ಭರಿಸುವುದಿಲ್ಲ.
- ಕಂಪನಿಯು ಬಳಸಿದ ನೀರಿನ ಪ್ರಮಾಣವನ್ನು ಅಳತೆ ಮಾಡಲು ವಾಟರ್ ಮೀಟರ್ ಅನ್ನು ಅಳವಡಿಸುವುದು. ಇದರಲ್ಲಿ ಯಾವುದೇ ದುರಸ್ತಿ ಅಥವಾ ಬದಲಾವಣೆ ಮಾಡಬೇಕಾದಲ್ಲಿ ಕಂಪನಿಯವರು ಸಂಬಂಧಪಟ್ಟ ಅಧಿಕಾರಿಗಳ ಗಮನಕ್ಕೆ ತಂದು ತಮ್ಮ ಸ್ವಂತ ಖರ್ಚಿನಿಂದಲೇ ಮಾಡತಕ್ಕದ್ದು.
- ಕಂಪನಿಯವರು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಅಧಿಕಾರಿಯೊಂದಿಗೆ ಒಪ್ಪಂದ ಮಾಡಿಕೊಳ್ಳುವಾಗ Water meter, Water meter Calibration ಹಾಗೂ ಸಂಬಂಧಿಸಿದ Register Log ಬಗ್ಗೆ ಕಟ್ಟು ನಿಟ್ಟಾದ ಅಂಶದ ಬಗ್ಗೆ ಷರತ್ತನ್ನು ಒಪ್ಪಂದ ಪತ್ರದಲ್ಲಿ ಸೇರಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- ಅಳವಡಿಸಿರುವ ವಾಟರ್‌ಮೀಟರ್ ಮತ್ತು ಗೇಜನ್ನು ತಪಾಸಣೆ ಮಾಡಲು ಇಲಾಖೆಯು ಗೊತ್ತುಪಡಿಸಿದ ಯಾವುದೇ ಅಧಿಕಾರಿಗೆ ಅವಕಾಶವಿರಬೇಕು.
- ಪಂಪ್ ಹೌಸ್ ನಲ್ಲಿ ಲಾಗ್‌ಬುಕ್ ಇಲ್ಲದ ಬುಕ್ ಆಫ್ ಅಕೌಂಟ್ಸ್ ಅನ್ನು ಪ್ರತಿ ನಿತ್ಯ ನಿರ್ವಹಿಸಬೇಕಿದ್ದು, ಇವುಗಳನ್ನು ಇಲಾಖಾ ತಪಾಸಣೆ / ಪರಿಶೀಲನೆಗೆ ಒದಗಿಸುವುದು. ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ಅದರ ಜೆರಾಕ್ಸ್ ಪ್ರತಿಯನ್ನು ಒದಗಿಸುವುದು.
- ನೀರಿನ ಪ್ರಮಾಣವನ್ನು ಅಳತೆ ಮಾಡಲು ಅಳವಡಿಸಿರುವ ಯಾವುದೇ Mechanical or Electrical measurement device ಗಳನ್ನು ಕಾಲಕಾಲಕ್ಕೆ ಸರ್ಕಾರ ಅಥವಾ ಸರ್ಕಾರದ ನಿಯೋಜಿತ ಅಧಿಕಾರಿಗಳು recalibrate or validate ಮಾಡಲು ತಿಳಿಸಬಹುದು. ಇಂಥ ಸಂದರ್ಭಗಳಲ್ಲಿ ಕಂಪನಿಯೇ ತನ್ನ ಸ್ವಂತ ಖರ್ಚಿನಿಂದ recognized or licensed institute ಗಳಿಂದ ಅಗತ್ಯ ಪರೀಕ್ಷೆಗಳನ್ನು ಮಾಡಿಸಿಕೊಳ್ಳಬೇಕು.
- ಬೇಡಿಕೆಗಿಂತ ಹೆಚ್ಚಿನ ಪ್ರಮಾಣದ ನೀರನ್ನು ನದಿಯಿಂದ ಎತ್ತಿದಲ್ಲಿ ಪೆನಾಲ್ಟಿ ವಿಧಿಸಲಾಗುವುದು ಇಲ್ಲದ ಪರವಾನಗಿಯನ್ನು ರದ್ದುಗೊಳಿಸಲಾಗುವುದು.

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14. ಕಂಪನಿಯು ಉಪಯೋಗಿಸುವ ನೀರಿನ ದರವನ್ನು ಕಂಪನಿಯು draw ಮಾಡುವ gross water quantity ಮೇಲೆ (drawal point ಹತ್ತಿರ) ವಿಧಿಸಲಾಗುವುದು. ಈ ನೀರನ್ನು ರವಾನಿಸುವಾಗ ನೀರಿನ ನಷ್ಟದ (losses) ಬಗ್ಗೆ ಸರ್ಕಾರವಾಗಲಿ/ಯೋಜನಾಧಿಕಾರಿಯಾಗಲಿ ಜವಾಬ್ದಾರಲ್ಲ.
15. ಕಂಪನಿಯು ಕಟ್ಟಿದ ಯಾವುದೇ ಕಟ್ಟಡಗಳು (Mechanical, Civil and Electrical) ಕುಸಿದು ಬಿದ್ದು ನೀರಾವರಿಗೆ ಅಥವಾ ಕುಡಿಯುವ ನೀರಿಗೆ ಅಥವಾ ಯಾವುದೇ ರೀತಿಯ ತೊಂದರೆಯಾದಲ್ಲಿ, ಸಂಭವಿಸಬಹುದಾದ Material & Financial ನಷ್ಟಗಳನ್ನು ಕಂಪನಿಯೇ ಭರಿಸಬೇಕಾಗುವುದು. ಇಂಥಹ ನಷ್ಟಗಳ ಮೊತ್ತವನ್ನು ಕಂಪನಿಗೆ ಯಾವುದೇ ಸೂಚನೆ ನೀಡದೇ ನಿರ್ಧರಿಸಲಾಗುವುದು.
16. ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವಾಗ ಹಾಗೂ ನಂತರ ಸರ್ಕಾರ ಹಾಗೂ ಖಾಸಗಿ ಆಸ್ತಿ - ಪಾಸ್ತಿ ಹಾನಿಯಾಗದಂತೆ, ಎಚ್ಚರವಹಿಸತಕ್ಕದ್ದು. ಒಂದು ಪಕ್ಷ ಯಾವುದೇ ಹಾನಿಯಾದಲ್ಲಿ ಕಂಪನಿಯೇ ನಷ್ಟದ ವೆಚ್ಚವನ್ನು ಭರಿಸತಕ್ಕದ್ದು.
17. ಕಂಪನಿಯು ನಡೆಯಿಂಥ ನೀರು ಪ ಯಲು ಳ ಗಳನ್ನು ಅಳವಡಿಸುವಾಗ ಮಾರ್ಗ ಮಧ್ಯದಲ್ಲಿ ವಿವಿಧ ಇಲಾ ಗಳ ಸೇರಿದ ಭೂಮಿ ಸಂಬಂಧ ಆಯಾ ಇಲಾಖೆ ಅನುಮತಿಯನ್ನು ಪಡೆಯತಕ್ಕದ್ದು.
18. ಕಂಪನಿಯು ಕೆಲಸಗಳಿಗೆ ಬೇಕಾಗುವ ಸರ್ಕಾರಿ ಜಮೀನು, ಇತರೆ ಆಸ್ತಿ ಅಥವಾ ಇತ ಅನುಕೂಲಗಳನ್ನು ಸರ್ಕಾರದಿಂದಾಗಲೀ ಅಥವಾ ಖಾಸಗಿಯವರಿಂದಾಗಲೀ, ನಿಗದಿಪಡಿಸಿದ ದರಗಳ ಮೊತ್ತವನ್ನು, ಕೆಲಸಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮೊದಲೇ ಭರಿಸಿ ಕಂಪನಿಯು ಪಡೆಯಬೇಕು, ಈ ವಿಷಯದಲ್ಲಿ ಯಾವುದೇ ತಂತಿ ತಕರಾರನ್ನು ಕಂಪನಿಯು ತೆಗೆಯಬಾರದು. ಖಾಸಗಿ ಜಮೀನುಗಳು ನೀರಿನಲ್ಲಿ ಮುಳುಗಡೆಯಾದಲ್ಲಿ ಅಥವಾ ಕಂಪನಿಯು ಕೆಲಸಗಳಿಗೆ ಬೇಕಾದಲ್ಲಿ ಕಂಪನಿಯೇ ಮೊತ್ತವನ್ನು ನೀಡಿ ಪಡೆಯಬೇಕು. ಖಾಸಗಿ ಜಮೀನುಗಳನ್ನು ವಶಪಡಿಸಿಕೊಳ್ಳುವಲ್ಲಿ ತಂತಿ ತಕರಾರುಗಳು ಉದ್ಭವಿಸಿದಲ್ಲಿ ಕಂಪನಿಯೇ ಖಾಸಗಿಯವರ ಹತ್ತಿರ ತನ್ನ ಸ್ವಂತ ಖರ್ಚಿನಲ್ಲಿ ಇತ್ಯರ್ಥ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ಸರ್ಕಾರವು ಈ ವಿಷಯದಲ್ಲಿ ಯಾವುದೇ ತರಹದ ಜವಾಬ್ದಾರಿಯನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದಿಲ್ಲ. ಕಂಪನಿಯು ಯೋಜನೆಯನ್ನು ನಿರ್ಮಿಸುವಾಗ ಅಗದ ಮಣ್ಣು ಮತ್ತು ಇತರೆ ಸಾಮಗ್ರಿಗಳನ್ನು ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಸರ್ಕಾರಿ ಜಾಗದಲ್ಲಿ ಸಂಗ್ರಹಣೆ ಮಾಡಬಾರದು. ಕಂಪನಿಯು ತನ್ನ ಉಪಯೋಗಕ್ಕೆ ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡ ಜಾಗದಲ್ಲಿ ಮಾತ್ರ ಸಂಗ್ರಹಣೆ ಮಾಡಬಹುದು.
19. ಕಂಪನಿಯು ಅದರ ಲಸ ಕಾರ್ಯಗಳನ್ನು ಅದು ಸ್ವಾಧೀನಪಡಿಸಿ ಂಡ ಭೂಮಿಯಲ್ಲಿ ಳ ಮಾಡತಕ್ಕದ್ದು.
20. ಸರ್ಕಾರವು ಕಾಲ ಕಾಲಕ್ಕೆ ನಿಗದಿಪಡಿಸಿದ ದರದಂ ನೀರಿನ ದರವನ್ನು ಕಂಪಿಯು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಗೆ ನಿಗದಿಪಡಿಸಿದ ಅವಧಿಯೊಳಗೆ ಮಾಹೆಯಾನ ಪಾವತಿಸುವುದು.
21. ಕಂಪನಿಯು ಕಾಲ ಕಾಲಕ್ಕೆ ಸರ್ಕಾರವು ನಿಗದಿಪಡಿಸುವ ವಾರ್ಷಿಕ ಹಾಗೂ ಗೌರವ ಧನವನ್ನು ಜಲಸಂಪನ್ಮೂಲ ಇಲಾಖೆ ಪಾವತಿಸತಕ್ಕದ್ದು.
22. ನೀರಿನ ಕೊರತೆ ಉಂಟಾದಲ್ಲಿ ನೀಡಿರುವ ಅನುಮತಿಯನ್ನು ಹಿಂಪ ಯುವ ಅಧಿಕಾರವು ಇಲಾ ಇರುತ್ತದೆ.
23. ಕಂಪನಿಯು ನೀರನ್ನು ಉಪಯೋಗಿಸಿ ಹಳ್ಳಕ್ಕೆ/ನದಿಗೆ ವಾಪಸ್ಸು ಬಿಡುವ ಸಮಯದಲ್ಲಿ ಸರ್ಕಾರ ವಿಧಿಸುವ Standard ಗೆ (CPHEEO/BIS/KPSCB standard) treat ಮಾಡಿ ಬಿಡತಕ್ಕದ್ದು. ಹಾಗೆ ಮಾಡದೇ ಇದ್ದ ಪಕ್ಷದಲ್ಲಿ ಕಂಪನಿಗೆ ನೀಡಿದ ಪರವಾನಿಗೆಯನ್ನು ಸರ್ಕಾರವು ಯಾವುದೇ ಮುನ್ಸೂಚನೆ ಇಲ್ಲದೆ ಹಿಂದಕ್ಕೆ ಪಡೆಯಬಹುದು.
24. ಕಾಮಗಾರಿಗಳನ್ನು ನಿರ್ವಹಿಸುವಾಗ ಹಾಗೂ ಳ ಕಾರ್ಯ ರೂಪದಲ್ಲಿದ್ದಾಗ, ಯಾವುದೇ ವಿವಾದಗಳು ಉದ್ಭವಿಸಿದ , ಆ ವಿವಾದಗಳನ್ನು ಕಂಪನಿಯೇ ಇತ್ಯರ್ಥ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ಈ ಇತ್ಯರ್ಥದಲ್ಲಿ ಸರ್ಕಾರಕ್ಕೆ ವೆಚ್ಚವಾದರೆ ಅದನ್ನು ಕಂಪನಿಯು ಸರ್ಕಾರಕ್ಕೆ ಭರಿಸತಕ್ಕದ್ದು.
25. ಸಂಬಂಧಪಟ್ಟ ಇಲಾ ಗಳಾದ ಅರಣ್ಯ, ಪರಿಸರ ಮತ್ತು ಜೀವಿಶಾಸ್ತ್ರ ಮಾಲೀನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ ಹಾಗೂ ಇತ ಇಲಾಖೆಗಳಿಂದ ಎಲ್ಲಾ ಅಗತ್ಯ ನಿರಾಪೇಕ್ಷಣಾ/ಪರವಾನಗಿಯನ್ನು ಪಡೆದು ನಂತರವೇ ಪ್ರಸ್ತಾಪಿತ ಘಟಕವನ್ನು ಕಾರ್ಯರೂಪಕ್ಕೆ ತರಲು ಕಂಪನಿಯು ಕ್ರಮ ವಹಿಸತಕ್ಕದ್ದು.
26. ಅರಣ್ಯ, ಪರಿಸರ ವನ್ಯ ಜೀವಿಗಳ ಅಥವಾ ಇನ್ನಾವು ಳ ನಷ್ಟ ಅಥವಾ ಅಪಾಯ ಉಂಟಾದಲ್ಲಿ ಕಂಪನಿಯು ಕಾನೂನಿನ ಕ್ರಮಗಳಿಗೆ ಗುರಿಯಾಗುವುದಲ್ಲದೇ, ಇದರಿಂದ ಆಗುವ ನಷ್ಟವನ್ನು ಸರ್ಕಾರ ಅಥವಾ ಅದರ ನಿಯೋಜಿತ ಅಧಿಕಾರಿಗಳು ನಿಗದಿಪಡಿಸುವ ಪ್ರಮಾಣ ಮತ್ತು ರೀತಿಯಲ್ಲಿ ಕಂಪನಿಯು ತುಂಬಬೇಕು.
27. ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾ ಹಾಗೂ ಇತ ಇಲಾ ಗಳು ಕಾಲ ಕಾಲಕ್ಕೆ ನಿಗದಿಪಡಿಸಬಹುದಾದ ಸೇವಾ ಶುಲ್ಕಗಳು ಮತ್ತು ಇತ ಕರಗಳನ್ನು ತಪವೇ ಆಯಾ ಇಲಾಖೆಗೆ ಕಂಪನಿ ಪಾವತಿಸತಕ್ಕದ್ದು.

SUBHAS K. SHARMA

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VP (E&C)



28. ಈ ಪರವಾನಗಿಯು 05 ವರ್ಷಗಳ ಅವಧಿಗೆ ಚಾಲ್ತಿಯಲ್ಲಿರುತ್ತದೆ. ತದನಂತರ ಅವಧಿಗೆ ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ನೀರಿನ ಲಭ್ಯತೆಯನುಸಾರ ಪರವಾನಗಿಯನ್ನು ನವೀಕರಿಸಲಾಗುವುದು.
29. ನೀರಿನ ಬಳಕೆಯ Royalty ಯನ್ನು ಸರ್ಕಾರವು ಕಂಪನಿಗೆ ಮುನ್ನೂಚನೆ ಇಲ್ಲದೆ ಹೆಚ್ಚಿಸಬಹುದು.
30. ಜಯ ಅನುಷ್ಠಾನದಿಂದ ಸ್ಥಳೀಯರಿ ಯಾವು ಿಂದ ಯಾಗುವುದಿಲ್ಲ ಎಂಬ ಅಂಶವನ್ನು ಖಚಿತಪಡಿಸಿ ಳ್ಳು.
31. The Government or its designated officer will determine measurements of water used. ಈ ರೀತಿ ಸರ್ಕಾರವು ಅಥವಾ ಅದರ designated officer ಅಳತೆ ಮಾಡಿದ ನೀರಿನ ಪ್ರಮಾಣಕ್ಕೆ ಕಂಪನಿಯು ಮೊತ್ತವನ್ನು (Water Charges) ಸಂಬಂಧಪಟ್ಟ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್‌ರವರಿಗೆ ಭರಿಸಬೇಕಾಗುತ್ತದೆ. ಈ ಮೊತ್ತವನ್ನು ಸರ್ಕಾರವು ಕಂಪನಿಗೆ ಮುನ್ನೂಚನೆ ಇಲ್ಲದಂತೆ ಯಾವುದೇ ಸಮಯದಲ್ಲಿ ಹೆಚ್ಚಿಸಬಹುದು ಇದಕ್ಕೆ ಕಂಪನಿಯು ಯಾವುದೇ ತಕರಾರಿಲ್ಲದೆ ಪಾವತಿಸಬೇಕು.
32. ನೀರನ್ನು ಬಳಸಿಕೊಂಡ ಪ್ರಮಾಣವನ್ನು ಪ್ರತಿ ಮಾಹೆಯ 1ನೇ ತಾರೀಖಿ ಳಗೆ ವಿಭಾಗ ಕಛೇರಿಗೆ ವಿವರಗಳನ್ನು ಹಾಗೂ ಬಳಸಿಕೊಂಡ ನೀರಿನ ಪ್ರಮಾಣಕ್ಕೆ ಪ್ರತಿ ಮಾಹೆಯ 5ನೇ ತಾರೀಖಿನೊಳಗೆ ಹಣ ಪಾವತಿಸಿದ ಚಲನ್‌ಗಳನ್ನು ವಿಭಾಗ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸುವುದು.
33. ಸರ್ಕಾರದ ಜಮೀನಿನಲ್ಲಿರುವ ಯಾವು ಿ ವಸ್ತುಗಳನ್ನು ಕಂಪನಿಯು ಯಾವು ಿ ಲಸಗಳಿ ಉಪಯೋಗಿಸಿದಲ್ಲಿ ಇವುಗಳ Royalty ಅನ್ನು ಕಂಪನಿಯು ಸರ್ಕಾರವು ನಿಗದಿಪಡಿಸಿದ ರೀತಿಯಲ್ಲಿ ಸರ್ಕಾರಕ್ಕೆ ಯಾವುದೇ ತಕರಾರುಗಳಿಲ್ಲದೆ ಪಾವತಿಸತಕ್ಕದ್ದು.
34. ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಅಕ್ಕಪಕ್ಕದ ಮಾ ಳಕರಿಂದ ನಿರಾಪೇಕ್ಷಣಾ ಪತ್ರವನ್ನು ಪ ಯತಕ್ಕದ್ದು. ಮತ್ತು ಕಾಮಗಾರಿಯ ಸ್ಥಳದ ಬಳಿಯ ಹಳ್ಳದ ದಂಡೆಗಳಿಗೆ ಸೂಕ್ತ ರಕ್ಷಣಾ ಗೋಡೆಗಳನ್ನು ಕಂಪನಿಯು ತನ್ನ ವೆಚ್ಚದಲ್ಲಿ ನಿರ್ಮಿಸತಕ್ಕದ್ದು.
35. ಕಂಪನಿಯು ಳೀನ ಯಾವು ಿ ನಿಬಂಧ ಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಯಾವು ಿ ಮುನ್ನೂಚನೆ ನೀಡ ಳ ಅನುಮತಿಯನ್ನು ಹಿಂದಕ್ಕೆ ಪಡೆಯಲಾಗುವುದು. ಅರ್ಜಿದಾರರು. ಸಲ್ಲಿಸಿರುವ ಮಾಹಿತಿಯು ತಪ್ಪಾಗಿದ್ದಲ್ಲಿ, ಅಪೂರ್ಣವಿದ್ದಲ್ಲಿ ಅಥವಾ ಕೆಲವೊಂದು ಅವಶ್ಯ ಮಾಹಿತಿಯನ್ನು ಮರೆಮಾಚಿದ್ದಲ್ಲಿ, ಕಂಪನಿಯು ಜವಾಬ್ದಾರಿಯ ಮೇಲೆ ಅನುಮತಿಯು ತಾನಾಗೇ ರದ್ದಾಗುವುದು. ಕಂಪನಿಯು ಮೇಲಿನ ಯಾವುದೇ ನಿಬಂಧನೆಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಯಾವುದೇ ಮುನ್ನೂಚನೆ ನೀಡದೆ ಅನುಮತಿಯನ್ನು ಹಿಂದಕ್ಕೆ ಪಡೆಯಲಾಗುವುದು ಹಾಗೂ ಯಾವುದೇ ಕಾರಣದಿಂದ ಸರ್ಕಾರಕ್ಕೆ ಆಗುವ ನಷ್ಟವನ್ನು ಕಂಪನಿಯಿಂದ ಭರಿಸಿಕೊಳ್ಳುವ ಅಧಿಕಾರವನ್ನು ಸರ್ಕಾರವು ಹೊಂದಿರುತ್ತದೆ.
36. ಭವಿಷ್ಯದಲ್ಲಿ ಯಾವುದೇ ಕೆಲಸಗಳನ್ನು ನೀರಿನ ಶೇಖರಣೆ ಉಪಯೋಗ ಮತ್ತು ಇನ್ಯಾವುದೇ ಕಾರಣಗಳಿಗಾಗಿ ಸರ್ಕಾರವು ಕಂಪನಿಯು ಅನುಮತಿಯಿಲ್ಲದೆ ತೆಗೆದುಕೊಳ್ಳಬಹುದು. ಈ ರೀತಿಯ ಕೆಲಸಗಳನ್ನು ಕೈಗೆತ್ತಿಕೊಂಡಲ್ಲಿ ಕಂಪನಿಯು ಉತ್ಪಾದನೆಗೆ ಯಾವುದೇ ರೀತಿಯ ತೊಂದರೆಯಾದಲ್ಲಿ ಸರ್ಕಾರವು ಯಾವುದೇ ರೀತಿ ಜವಾಬ್ದಾರರಲ್ಲ. ಹಾಗೂ ಕಂಪನಿಯು ಯೋಜನೆಯಾಗಲಿ ಅಥವಾ ಕಂಪನಿಯ ಆಸ್ತಿ ಮುಳುಗಡೆಯಾದಲ್ಲಿ ಅಥವಾ ಇನ್ಯಾವುದೇ ತೊಂದರೆಯಾದಲ್ಲಿ, ಸರ್ಕಾರವು ಜವಾಬ್ದಾರರಲ್ಲ. ಅಥವಾ ಯಾವುದೇ ಪರಿಹಾರವನ್ನು ಸರ್ಕಾರವು ನೀಡುವುದಿಲ್ಲ. ಈ ಕೆಲಸ ಕಾರ್ಯಗಳನ್ನು ಸರ್ಕಾರವು ಕಂಪನಿಯು ಯೋಜನೆಯ ಮೇಲ್ಕಾಗದಲ್ಲಾಗಲಿ ಅಥವಾ ಕೆಳಭಾಗದಲ್ಲಾಗಲಿ ಕೈಗೆತ್ತಿಕೊಳ್ಳಬಹುದು.
37. ಈ ಯೋಜನೆಯ weir ನಲ್ಲಿ ಶೇಖರಣೆ ಮಾಡುವ ಹಿನ್ನೀರಿನಿಂದ Communication problem ಅಂದರೆ Surface transport, electrical, electronics ಅಥವಾ ಇನ್ಯಾವುದೇ ರೀತಿಯ ಅಡಚಣೆಯಾದಲ್ಲಿ ಕಂಪನಿಯು ತನ್ನ ಖರ್ಚಿನಲ್ಲಿ New communication network ಅನ್ನು ಸರ್ಕಾರ ನಿಗದಿಪಡಿಸುವ ರೀತಿಯಲ್ಲಿ ಕಂಪನಿಯು ತಂಟೆ ತಕರಾರುಗಳಿಲ್ಲದೆ ಮಾಡಬೇಕು.
38. ಕಂಪನಿಯು ಯೋಜನಾ ವರದಿಯಲ್ಲಿರುವ ವಿನ್ಯಾಸಗಳನ್ನು ಹೊರತುಪಡಿಸಿದಲ್ಲಿ ಅಥವಾ ಮಾರ್ಪಾಡು ಮಾಡಿದಲ್ಲಿ, ಕಂಪನಿಯು ಸರ್ಕಾರಕ್ಕೆ ಅಥವಾ ಸರ್ಕಾರದಿಂದ ನೇಮಕವಾದ ಅಧಿಕಾರಿಗೆ ಮುನ್ನೂಚನೆ ನೀಡುವುದು ಹಾಗೂ ಇಂಥ ಮಾರ್ಪಾಡುಗಳಿಗೆ ಸರ್ಕಾರದಿಂದ ಪರವಾನಿಗೆ ಪಡೆಯಬೇಕು. ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ಕಂಪನಿಯು ಹೊಸ Full agreement or Supplementary agreement ಗಳನ್ನು ಮಾಡಿಕೊಳ್ಳಬೇಕು.

For GRASIM INDUSTRIES LTD.,
Unit: Harihar Polyfibers

Subhas Kumar Sharma

SUBHAS K. SHARMA
VP (F&C)



39. ಸ್ಥಾಪನೆಯಾಗಲಿರುವ ಘಟಕದ ಎಲ್ಲಾ ಅಂಗಗಳನ್ನು (Electrical, Mechanical, Civil, Components, / Structures etc.,) ಕಂಪನಿಯು ಅನುಮೋದಿತ ವಿನ್ಯಾಸಗಳಂತೆ ಹಾಗೂ ನಿಗದಿತ ಗುಣಮಟ್ಟದಂತೆ ಮಾಡಲಾಗಿದೆಯೇ ಎಂಬುದರ ಬಗ್ಗೆ ಸಂಬಂಧಪಟ್ಟ ಸರ್ಕಾರಿ ಇಲಾಖೆ (ಜಲ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಸಂಸ್ಥೆ, ಕ್ರೆಡಲ್ ಹಾಗೂ ಕೆ.ಪಿ.ಟಿ.ಸಿ.ಎಲ್) ಗಳಿಂದ ದೃಢೀಕರಿಸಿದ ನಂತರವೇ ಯೋಜನೆಯನ್ನು ಚಾಲನೆಗೊಳಿಸತಕ್ಕದ್ದು.
40. ಮೇಲಿನ ನಿಬಂಧನೆಗಳ ಸ್ಥಳೀಯವಾಗಿ ಅಗತ್ಯ ನಿರೀಕ್ಷಿಸಿದ ಯಾವುದೇ ನಿಬಂಧನೆಗಳನ್ನು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಸಂಬಂಧಪಟ್ಟ ಅಧಿಕಾರಿಯವರು ಸೂಚಿಸಿದಲ್ಲಿ, ಅವುಗಳನ್ನು ಅಳವಡಿಸಿ ಸೂಕ್ತ ನೂತನ ಕರಾರನ್ನು ಕಂಪನಿಯವರು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಅಧಿಕಾರಿಗಳೊಂದಿಗೆ ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. (ಹಿಂದಿನ ನೀರಿನ ಹಂಚಿಕೆಯೂ ಸೇರಿದಂತೆ) ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವ ಮುನ್ನ ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಸಂಬಂಧಪಟ್ಟ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರವರೊಂದಿಗೆ ಮೇಲಿನ ಎಲ್ಲಾ ನಿಬಂಧನೆಗಳನ್ನು ಒಳಪಡಿಸಿ ಸೂಕ್ತ ಕರಾರನ್ನು ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಮತ್ತು ಅವರ ನಿರ್ದೇಶನದ ಅನುಸಾರ ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸತಕ್ಕದ್ದು.
- ಎ) ಕರ್ನಾಟಕ ಮಾಲೀನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯಿಂದ ನಿರೀಕ್ಷಿಸಿದ ಪತ್ರವನ್ನು ಅವಧಿ ಮೀರುವ ಮುನ್ನ ಕಾಲಕಾಲ ಪಡೆದು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- ಬಿ) ಭದ್ರತಾ ಠೇವಣಿ ರೂಪದಲ್ಲಿ ರೂ. 3,00,000-00 ಗಳನ್ನು ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್, ಕೆ.ನೀ.ನಿ.ನಿ, ನಂ. 5 ಭದ್ರಾ ನಾಲಾ ವಿಭಾಗ, ದಾವಣಗೆರೆ ಇವರ ಹೆಸರಿಗೆ ಅಡಮಾನ ಮಾಡುವುದು. ಹಾಗೂ ಭದ್ರತಾ ಠೇವಣಿ ಅವಧಿ ಮುಗಿಯುವ ಮುನ್ನ ಕ್ರಮವಾಗಿ ನವೀಕರಿಸತಕ್ಕದ್ದು. (A/C No. 40304607036 Date: 20.07.2021 State Bank of India, Kumarapatnam)
- ಸಿ) ಕರಾರನ್ನು ದಿನಾಂಕ: 01.07.2020 ರಿಂದ 30.06.2025 ರವರೆಗೆ ನವೀಕರಿಸಿಕೊಳ್ಳಲಾಗಿದ್ದು, ಅವಧಿಗೆ ಮುನ್ನ ಕರಾರು ನವೀಕರಿಸಿಕೊಳ್ಳಲು ಇಲಾಖಾ ನಿಯಮಾನುಸಾರ ಕ್ರಮವಹಿಸತಕ್ಕದ್ದು.
- ಡಿ) ಸರ್ಕಾರದಿಂದ/ನಿಗಮದಿಂದ ಕಾಲಕಾಲಕ್ಕೆ ಸೂಚಿಸಲಾಗುವ ನಿಯಮ/ಷರತ್ತುಗಳಿಗೆ ಬದ್ಧರಾಗಿರತಕ್ಕದ್ದು.
- ಇ) ನದಿಯಲ್ಲಿ ನೀರಿನ ಹರಿಯುವಿಕೆಯು ಲಭ್ಯತೆಯ ಆಧಾರದ ಮೇಲೆ ಕುಡಿಯುವ ನೀರಿಗಾಗಲೀ ಅಥವಾ ನೀರಾವರಿಗಾಗಲೀ ತೊಂದರೆಯಾಗದಂತೆ ನದಿಯ ನೀರಿನ ಹರಿಯುವಿಕೆಗೆ ಯಾವುದೇ ತಡೆಯೊಡ್ಡದೆ, ನದಿಯ ಪಥವನ್ನು ಬದಲಾಯಿಸದೇ ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕೆ ನೀರನ್ನತ್ತಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- ಎಫ್) ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ನಿಗದಿಪಡಿಸಿದ ನೀರಿನ ದರವನ್ನು ಪ್ರತಿ ತಿಂಗಳು ಸಮಯಕ್ಕೆ ಸರಿಯಾಗಿ ಪಾವತಿಸತಕ್ಕದ್ದು. ತಪ್ಪಿದ್ದಲ್ಲಿ 1964 ಮತ್ತು 1965ರ ಕರ್ನಾಟಕ ನೀರಾವರಿ ಕಾಯ್ದೆಯನ್ವಯ ಕ್ರಮ ತೆಗೆದುಕೊಂಡು ದಂಡ ವಿಧಿಸಲಾಗುವುದು.
- ಜಿ) ಮೇಲಿನ ಎಲ್ಲಾ ನಿಯಮಗಳನ್ನು ಚಾಚೂ ತಪ್ಪದೇ ಪಾಲಿಸತಕ್ಕದ್ದು. ಒಂದು ವೇಳೆ ಯಾವುದೇ ನಿಯಮವನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಸದರಿ ಕರಾರು ತನ್ನಂತಾನೇ ರದ್ದಾಗುವುದು.

For GRASIM INDUSTRIES LTD,
Unit: Harihar Polyfibers

Subhas Kumar Sharma

SUBHAS K. SHARMA

VP (F&C)

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು,

ಮೆ|| ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ.,

(ಹರಿಹರ ಪಾಲಿಫೈಬರ್)

ದಾವಣಗೆರೆ.

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್,

ಕೆ.ನೀ.ನಿ.ನಿ, ನಂ. 5 ಭದ್ರಾ ನಾಲಾ ವಿಭಾಗ,

ದಾವಣಗೆರೆ.

ಸಾಕ್ಷಿದಾರರು

W. B. C. Bank

(Kumarapatnam)

Reservoirs



Figure Reservoir 1



Figure Reservoir 2

Annexure 7
Strom water channel



Green Belt Development







ANNEXURE 9

List of Environmental Project Implemented with One- time Investment

SI No.	Name of the Environmental Projects Implemented From FY19 to FY25	Implemented Year	One Time expenditure Cost Rs. In Lakhs
1	Lime injection system for CFBC Boilers to ensure reduction of SOX emission from CFBC Boilers.	FY 19	255.00
2	Magnetic Flow meters for monitoring of department wise water consumption and better control to avoid loss of water.	FY19	25.99
3	Replacement of existing concrete drain with Closed conduit for effluent from Grasilene ETP to HPF ETP in the view of safety.	FY20	47.19
4	Gas detectors at CS2 storage tanks & Refinery section to take safety control measures immediately.	FY 20	11.73
5	Installation of Level transmitter for lime storage Tank to avoid the overflow and loss of resources.	FY19	4.48
6	SOX, NOX And CO analyzer for AFBC Boiler for better monitoring and control.	FY 20	23.57
7	Level indicator for grit chamber better monitoring and control.	FY20	1.86
9	Replacement of Biological Reactor # 2 & 3 Aeration air blower 1 & 2 to improve the efficiency of Biological Reactor.	FY20	6.39
10	Replacement of OCEMS (Online continuous Effluent Monitoring Station) for measuring with more accuracy.	FY 20	15.00
11	Enhancement ClO2 plant at Pulp mill to minimize the usage of Elemental Chlorine	FY 20	129.00
12	Installation of Biogas Plant at Staff colony for generation of Biogas by utilizing kitchen Waste and food waste which is generated of resident's households.	FY 20	20.00
13	Upgradation and repair of Biogas Reactor #1 to increase the Biogas generation and minimize the COD&BOD load on ETP.	FY 21	65.00
14	Construction of drain as a part of Rainwater collection and reusing the water during non monsoon season.	FY20	20.00
15	Construction of Water reservoir with storage capacity 16lakhs m3 to pump & store the water from River during peak monsoon to avoid pumping of water during River lean stream. Also to collect rain water with capturing area 208000m2 .	FY21	3,751.00
16	Greenbelt Development activity	FY22	18.0

17	Construction of Coal shed to store the coal	FY22	204.00
18	Greenbelt Development activity	FY-23	10.0
19	Installation of 3 No's Jet aerators @ GRD ETP	FY-23	28.78
20	Greenbelt Development activity	FY23	10.0
21	At Grasilene Division in Baling press section , water being used for oil cooling system and same water reusing by recirculation in cooling tower and saved 100KLD per day water	FY24	1.0
22	At Grasilene Division in Acid plant , Installed two cooling towers for cooling & reusing the PHE outlet Soft water .	FY24	13.0
23	At Grasilene Division power plant installed VFD for ID fan and Primary Air Fan and Saved around 11000KWH power per day and reduce the consumption of fossil fuel .saved 11000 KW	FY24	685.0
24	At Harihar Polyfibers , rain harvesting system adopted for non-processing area .	FY24	48.0
25	At Grasilene Division , 624 No's of LED fittings installed to save the power consumption	FY24	9.92
26	At Harihar Polyfibers, 206 No's Of LED fittings installed to save the power consumption	FY24	2.96
27	AT NETP area rainwater surrounding to tertiary clarifier catchment system adopted.	FY.25	30.0
28	New Sox And NoX analyzer installed for Recovery Boiler and Lime Kin	FY.25	48.0
29	At GRD ETP enhancing diffuser aeration system in Polishing Pond	FY.25	72.36
30	Installation Mix charge lye cooling Chillers in Viscose 1 No Phase I to reduce the power consumption	FY.25	129.03
31	Replacement of Aluminum bus bars in 3 CS2 Furnaces (Phase -I) to reduce the power consumption	FY.25	14.87
32	Installation of energy Efficient of New Soft Water pump#1 to reduce the power consumption	FY.25	8.69
33	Installation of VFDs for Wal seal Blower Motors of CFBC#2 boiler to reduce the power consumption	FY.25	34.04
34	Retrofitting & OH of CE Pump-2 for Energy Efficiency enhancement – to reduce the power consumption	FY.25	8.00
35	VFD for Washing Hot water pump - to reduce the power consumption	FY.25	8.00
36	Vermicompost Bed	FY.25	5.36
37			

	Installation of VFDs for Wal seal Blower Motors of CFBC#1 boiler to reduce the power consumption	FY25	16.93
38	Installation for VDF for CD Plant cooling tower fan to reduce power consumption	FY25	5.48
39	Replacement of Aluminum bus bars in 3 CS2 Furnaces (Phase –2) to reduce the power consumption	FY25	14.87
40	Construction of Shed for Sulphur Hard mass Sludge Storage	FY25	23.06
41	Installation of Coal dust suppression system	FY25	16.39
42	New Anaerobic Lagoon (NAL) No.1 desilting.	FY25	69.90
43	Storage shed for HSS reject	FY25	120.01
44	Biomass sludge handling	FY25	84.69
45	Procurement of Air Monitoring Equipment as per NAAQM guideline	FY25	3.45
46	OCEMS effluent analyzers	FY25	11.45
		Total	6131.45

Firefighting Facilities



Occupational Health Surveillance Data

Health check-up status of Employees

Grasilene Division

S. no	Department	Test	No. of Employees	No. of Employees Covered
1	Viscose	PFT	94	92
2	Spinning	PFT	163	154
3	CS2 / H2SO4, Elect. & Inst.	PFT	48	48
4	Power Plant + Contractor	Audiometry & PFT	54	54
5	Coal Plant + Contractor	PFT	14	14
	Total		373	362

Harihara Polyfibers Ltd, unit

Sl No.	Department	Test	No. of Employees	No. of Employees Covered
1.	Boiler House + Contractor	Audiometry & PFT	28	28/28
2.	Chipper House + Contractor	Audiometry & PFT	35	35/35
3.	Recovery + Contractor	Audiometry & PFT	50	50/50
4.	Rec maint/Chipper Maint + Contractor	Audiometry & PFT	28	28/28
5.	ETP (Biogas) + Contractor	PFT	03	03
	Total		144	144



Occupational Health Center

GRASIM INDUSTRIES LTD. KUMARAPATNAM

TRAINING ATTENDANCE SHEET

NAME OF THE TRAINING : PTL & JSA	DATE-01 12 2025
CO-ORDINATOR: Swati.K	TIME-10:30 - 12:30 PM
FACULTY : Mr. Sanjeev Singh	LOCATION: GRD BMC Hall

S.NO	EMP NO	NAME	Contractor Name	UNIT	Signature
1	25519	Ramesh Babu	P.m.m.	H.P.F	Ramesh Babu
2	55580	Ashok G.P	Instrument	H.P.F	Ashok G.P
3	07430	Rameendra P.H	Recovery	GRD	Rameendra P.H
4		Suresh Babu Kulkarni	Lab. MS	G.R.D	Suresh Babu
5	608100	Asun. G.H	S.P.G. ^{main} Bhaut A	GRD	Asun. G.H
6	608059	Sanjay G.H	KRC / Civil	GRD	Sanjay G.H
7	608012	Magesh	Bhaut A / Civil SPQM	GRD	Magesh
8	603187	PRAKASH L	Spinning Mill	GRD	Prakash L
9	600359	Kiran E. Halgare	SPG M/T	GRD	Kiran E. Halgare
10	608352	Pravendra R.T	SPG. M/T	GRD	Pravendra R.T
11	70094	Parashram Kambhoji	Elc	GRD	Parashram Kambhoji
12	25978	RUPNATH. K.R	Boiler House	H.P.F	Rupnath. K.R
13	605837	Kiran K.B	CS2 M/T	GRD	Kiran K.B
14	605817	Yogesh S.M	CS2 M/T	GRD	Yogesh S.M
15	26055	RASANAGOWDA. S.D	Boiler House	H.P.F	Rasanagowda. S.D
16	70781	Indrakumar. B.K	ETP	GRD	Indrakumar. B.K
17	605317	WASHEEM	C.S. 2	GRD	Washeem
18	25640	C.S. Balha	W.T.P	H.P.F	C.S. Balha
19	67971	Nagappa. S.B	VIPERS	GRD	Nagappa. S.B
20	605221	Mauli	CS2 M.T	GRD	Mauli
21	607761	Hanish P.H	CS2 M/T	GRD	Hanish P.H
22	607764	Kaushal H.G	CS2 Mb	GRD	Kaushal H.G

PTW - 39

Done

GRASIM INDUSTRIES LTD. KUMARAPATNAM
TRAINING ATTENDANCE SHEET

NAME OF THE TRAINING : <u>Work at height</u>		DATE - <u>13-10-2025</u>
CO-ORDINATOR: <u>Ashwanya NT</u>		TIME - <u>08:50 AM</u>
FACULTY : <u>Kiran B</u>	LOCATION: <u>Electrical GRD</u>	

S.NO	EMP NO	NAME	Department Name	UNIT	Signature
1	69494	Sheel Mohamed	Electrical	GRD	<u>(Signature)</u>
2	70478	Abdul Rahman A	Electrical	CI-P.D	<u>(Signature)</u>
3	67504	Dargesh. S.M	—	—	<u>(Signature)</u>
4	71151	Manjunath. V.A	—	—	<u>(Signature)</u>
5	77265	Vishwanatha. B.G	—	—	<u>(Signature)</u>
6	47318	Shivaji. RC	—	—	<u>(Signature)</u>
7	70544	Siddiq Ismail	—	—	<u>(Signature)</u>
8	19935	Syed Asadulla	—	—	<u>(Signature)</u>
9	47317	Chetah. C	—	—	<u>(Signature)</u>
10	69770	Darshan	—	—	<u>(Signature)</u>
11	70424	Vishwanath. Am	—	—	<u>(Signature)</u>
12	604200	KIRANKUMAR. P.H.	—	—	<u>(Signature)</u>
13	70727	Narayana.	—	—	<u>(Signature)</u>
14	605917	Shivraj. H.M	—	—	<u>(Signature)</u>
15	606984	Arun. K.	—	—	<u>(Signature)</u>
16	608303	Hrish	—	—	<u>(Signature)</u>
17	70880	Manjunath. R	Instrument	—	<u>(Signature)</u>
18	69437	Nishanjan V Sair	Electrical	—	<u>(Signature)</u>
19	608005	Arun P.H	Electrical	—	<u>(Signature)</u>
20	60420	Manjunath. D	Electrical	—	<u>(Signature)</u>
21	69518	Dadaper. B	Electrical	—	<u>(Signature)</u>
22	70484	Revanna. R. Dept	Electrical	—	<u>(Signature)</u>
23	71021	Nagaraj. S	Electrical	GRD	<u>(Signature)</u>
24	70148	Kumar. Marat	Electrical	GRD	<u>(Signature)</u>
25					

Done

WAK-50

Raw Material Storage Details

Unit	Chemicals	Form of material (Solid/Liquid/ Gas)	Type of Storage
Grasilene Division	Carbon Di-Sulphide	liquid	containers
	Sulphuric Acid	Liquid	containers
	Sodium Hydroxide	liquid	containers



CS₂ Storage Tanks



Raw Material Storage facility



Sulphuric Acid storage tanks

Continuous Monitoring System Installed at Stacks



Recovery Stack



Lime Kiln Stack



Acid Plant Stack



Power Plant Stack

Online continuous monitoring for Effluent Monitoring



Letter To MoEF&CC



Date: 22.10.2019

Scientist – E & Member Secretary (EAC)
Ministry of Environment, Forest & Climate Change (IA-II Section)
Indira Paryavaran Bhawan
Jorbhag Road
New Delhi - 3

Sir,

Sub : Expansion of Fibre Plant, Pulp Plant, Captive Power Plant & setting up Excel Fibre Plant at Village Kumarapatnam, Taluka Ranebennuru, District Haveri (Karnataka) by M/s Grasim Industries Ltd regarding Environmental Clearance # F.No. IA-J-11011/371/2006-IA II(I)

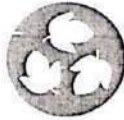
Reference to the above, we thank you for granting us the Environmental Clearance (EC) for the aforesaid expansion project by M/s Grasim Industries Ltd.

We would like to bring to the industry's view & plea against the specific EC conditions as mentioned below for your kind notice :

Condition No. 10 (i) – Environmental Clearance shall be subject to obtaining prior clearance from the Wildlife angle including clearance from the Standing Committee of the National Board of Wildlife, as applicable.

Industry's view & plea : As per the Gazette Notification Dated 6th July 2017 (enclosed as Annexure – 1 for Ref please), Ranebennur Blackbuck Sanctuary has been notified with a clear demarcation of Eco-sensitive Zone and related conditions to be followed for developmental activities. Accordingly, industry has submitted the letter duly approved by Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden of Karnataka State Forest Department dated 14.06.2019 along with 1:50000 Topo map indicating distance of sanctuary from industry and eco-sensitive zone duly authorized by Chief Wildlife Warden – Enclosed as Annexure – 2. Hence, based on these details, we would like to inform that clearance form Standing Committee of the National Board of Wildlife is not applicable in our case.

Received
M/s. 24/x/12019
Dr. U. Sridharan
Ministry of Environment, Forests & Climate Change
Regional Office, Southern Zone
Kendriya Bhawan, 4th Floor, Koramangala
Bangalore - 560 034.



Birla Cellulose
Fibres from Nature

Grasim Industries Limited

Units: Harihar Polyfibers & Grasilene Division
Kumarapatnam 581123, Dist. Haveri, Karnataka.

+91 8373 242171 To 75 / +91 8192 247550 To 54 | F: +91 8373 242875 / +91 8192 247555

grasim.com | E: grasimharihar@adityabirla.com | CIN : LI7124MP19-47PLC000410

Regd. Office : P.O. Birlagram, Nagda 456 331 (M.P.)

Condition No. 10 (XV) – At least 1.5% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) & item-wise details along with time bound action plan shall be prepared & submitted.

Industry's view & plea : As per the office memorandum from IA Division, MoEF&CC regarding CER dated 1st May 2018 (enclosed as Annexure – 3 for Ref please), the industry has to spend 0.25% additional capital investment for CER as the aforesaid project is a brownfield project with investment between 1000 Cr to 10000 Cr. Hence, we request your kindself to amend this condition to 0.25% of total investment cost against 1.5% as CER expenses.

Condition No. 10 (XV) – Transportation of raw materials / products should be carefully performed using GPS enabled vehicles.

Industry's view & plea : Wood is the major raw material consumed in Pulping process, which comes mainly from unorganized market. Hence, it is practically highly difficult to ensure use of GPS enabled vehicles. However, industry will put maximum efforts to take care of all types of safety precautions while transporting raw materials and end products so that no major damage will be caused to environment. Hence, we request your kindself to amend this condition.

Industry will put maximum and sincere efforts to meet remaining conditions given in the EC.

Thanking you,

Yours faithfully,

For M/s Grasim Industries Ltd.



Ajay Kumar Gupta
Senior President & Unit Head

Encl: Annexures as mentioned above

CC: **Regional Director**
MoEF&CC Regional Office
Kendriya Sadan
Bangalore

Continuous Online AAQM Stations



Figure 1 AAQM Station at ETP



Figure 2 AAQM Station at Intake-well



Figure 3 AAQM Station at Guest House



Figure 4 Continuous Display of Air Quality Data at Factory

AAQM Results

Particulars	CS ₂	H ₂ S	NO ₂	NO	NO _x	PM ₁₀	PM _{2.5}	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Location 1: ETP								
Oct-25	6.713	4.86	5.70	6.14	11.82	18.09	11.33	10.90
Nov-25	6.63	4.86	5.71	6.17	11.88	18.06	11.20	10.95
Dec-25	6.66	4.88	6.03	6.11	12.15	20.63	13.21	11.66
Jan-26	6.58	4.89	5.97	5.98	11.95	20.54	13.24	11.61
Feb-26	6.31	4.91	5.64	6.13	11.78	18.24	11.26	10.72
Mar-26	6.30	4.92	5.63	6.13	11.76	17.87	10.95	10.67
Location 2: Guest House								
Oct-25	5.44	4.59	8.75	10.35	19.11	38.78	29.82	5.72
Nov-25	5.44	4.54	8.81	10.41	19.23	38.66	29.44	5.72
Dec-25	5.87	4.88	9.41	10.02	19.44	38.91	29.22	5.85
Jan-26	5.91	4.87	9.45	9.99	19.44	38.87	29.21	5.86
Feb-26	5.46	4.61	8.55	10.12	18.67	38.86	29.36	5.21
Mar-26	5.42	4.59	8.52	10.17	18.70	38.83	29.33	5.18
Location 3: Intake Well								
Oct-25	5.10	5.75	11.99	6.7	18.75	16.07	9.53	5.73
Nov-25	4.87	5.84	11.87	6.6	18.53	16.25	9.49	5.69
Dec-25	5.04	6.41	11.53	6.89	18.43	18.70	9.81	6.69
Jan-26	5.09	6.43	11.72	6.91	18.63	18.61	9.83	6.69
Feb-26	4.95	5.68	6.56	11.42	17.93	11.51	10.59	6.34
Mar-26	4.81	5.77	11.97	6.78	18.82	16.54	9.59	5.75

Ambient Noise Level (October 2025-March 2026)

Ambient Noise Level -dB (A) at different locations						
Month & Year	Time	Guest House	SBM Building	Intake well	ETP Lab	Air strip
Oct-25	Day time	55	55	54	54	51
	Night time	53	52	51	52	50
Nov-25	Day time	54	56	53	53	51
	Night time	53	53	51	52	50
Dec-25	Day time	55	54	54	53	51
	Night time	53	52	51	52	50
Jan-26	Day time	54	55	53	52	51
	Night time	52	53	52	51	50
Feb-26	Day time	54	55	53	53	51
	Night time	53	52	51	52	50
Mar-26	Day time	55	56	54	54	51
	Night time	53	53	51	52	50

Rain water harvesting





GRASIM INDUSTRIES LIMITED - HARIHAR

Grasim Jana Seva Trust - Kumarapatnam

CSR Social Report

(Oct 2025 to Mar 2026)

Grasim Industries Limited Harihar, through Grasim Jana Seva Trust, has been actively supporting the socioeconomic development of 10 villages in Ranebennur Taluk, Haveri District. The community development projects are implemented across five focus areas: Education, Health, Sustainable Livelihood, Infrastructure Development, and Social Projects. These initiatives aim to improve the quality of life and create long-term positive impact for the village communities.


1. Education:






As part of our Corporate Social Responsibility (CSR) initiative under the theme of Quality Education, notebooks were distributed to 29 schools across CSR villages, benefiting a total of 3,232 underprivileged students. This initiative was aimed at supporting students with essential learning materials to enhance their academic engagement and continuity in education. Through this effort, we reaffirm our commitment to promoting inclusive education and improving learning outcomes in underserved communities.





FREEDOM THROUGH DIGITAL EDUCATION

by
Association of 41 Clubs of India
 at
**Govt Lower Primary School,
 Mankur Plot, Itagi**

With Support from
Sri Prakash Koliwad
 MLA, Ranebennur
 and

Grasim Industries Limited
 Inaugurated on September 04, 2025 by

Chief Guests

41er Pankuj Vats <small>President, 41 India, 2024-25</small>	Shri Senthilnathan Sengottuvelu <small>CMD, ACCEN AgriGenics Pvt Ltd</small>
--	--

Guests of Honour

41er Dilip Chandak <small>Chairman, Area X</small>	41er Kiran Hebsur <small>National Treasurer, 41 India</small>
--	---

In the Presence of

41er Parashuram Shalgar <small>FTD, Governor, Area X</small>	41er Prashant Hebsur <small>Project Committee, Area X</small>
41er Dr Narayan Hebsur <small>Chairman, H&A Forum, ITCD 124</small>	41er Riyaz Basri <small>RANOSZ, H&A Forum, IT CD 124</small>



Gudalur, Karnataka, India
 Pm82+347, Gudalur, Karnataka 581115, India
 Lat 14.716247° Long 75.650259°
 Tuesday, 17/03/2026 02:08 PM GMT +05:30



Grasim Jana Seva Trust, in association with PKK NGO, has successfully deployed the AI-powered humanoid teacher Makerlabs IRIS in two schools to strengthen digital education. The system supports students from Classes I to X with State and CBSE syllabus content, along with general knowledge, and delivers interactive learning in 40 languages, fostering an inclusive and engaging classroom environment. In addition, the Trust has enhanced digital infrastructure by providing smart boards to a total of 91 schools.

Through these initiatives, a total of 7,160 underprivileged students have gained access to modern, technology-enabled learning tools. The integration of advanced digital solutions has significantly improved student engagement, conceptual understanding, and accessibility to quality education. Overall, the initiative demonstrates a strong commitment to bridging the digital divide and empowering students with innovative learning opportunities for better academic outcomes.

2. Health Projects:

Grasim Jana Seva Trust (GJST) conducts daily mobile health check-up camps in two CSR villages, providing accessible medical services through qualified doctors, support staff, and the CSR team, along with essential medicines. These camps ensure timely primary healthcare support to underserved communities in surrounding areas. The CSR team also actively collaborates with the Government Health Department to support immunization programs, including BCG vaccinations and vitamin supplementation for children.

In addition, regular screenings for blood pressure and blood sugar are conducted to promote early detection and preventive healthcare, along with health awareness programs and larva surveys across both upstream and downstream villages. GJST also provides treated drinking water supply to approximately 15380 community members, ensuring access to safe and clean water. Overall, around 65,000 people have benefited from these comprehensive health and sanitation initiatives, reflecting a strong commitment to community well-being and preventive care

To improve the quality of life of the people in the surrounding village, various health projects have been implemented based on the need of the community in collaboration with the Govt Health Department.



Rural General Health camp: General health check-up Camps (Mobile Health Camp) are carried out with help of Grasim Jana Seva Trust hospital in all 10 villages. Common health issue cough, fever, headache, skin disease and other issues are treated and provided the free medicine to community in during this camp. Total 22,643 people are benefited from this camp.

Support to Larva survey for Prevention of water and vector borne diseases:

Focused approach was adopted to create awareness on water borne and vector borne disease in the village. Since 90% of villages are very near to river shore and water logging areas; the disease related to water and vector borne was found to be very common. As part of prevention activities, the house-to-house larva survey was conducted; larva-breeding sites were identified and destroyed. Apart from this people were given awareness on importance of replacing and cleaning water storage vessels regularly, usage of mosquito nets, proper disposal of household wastage etc. Totally 8834 houses covered in the survey.



National Pulse Polio Campaign:

Actively supported the National Pulse Polio Campaign by providing meals to the campaign team and mobilizing mothers to bring their children to the vaccination camps from 21.12.2025 to 24.12.2025. Through this initiative, a total of 3,678 children were successfully covered.



Support to Immunization to children:

Support to the immunization program for children at the Primary Health Centres to prevent the mortality rate among the children from the communicable diseases and anaemia. Total 4135 children are immunized in the Villages.



Support to awareness and screening program:

TB, Malaria, Dengue and HIV awareness programs and screening was done in the villages through Govt Hospital and Sub centre by District Health Department. Total 1001 people got benefited.



Reproductive Child and Mother Health care:

District has highest infant and mother mortality rate in the state due to early marriage; anaemia and lack of institution delivery are the nature of challenges in the area. To address this challenges CSR team in cooperation with Govt health machinery organized mother and child health care program. Activities like healthy baby show, Children and Mother Health Check-up camp, promotion of nutrition supplement etc. we are supporting to health check-up for children at Anganawadies, schools and specially abled people. Around 363 children and mother health check-up were done in the various health camps in the CSR villages.



BP and sugar Screening:

Support to Blood Pressure and sugar screening camp were conducted in the villages in collaboration with the Primary Health Centres. Total 3958 people were referred and screened for Blood pressure and Diabetes in the villages. They were further referred for the treatment and follow-ups to the nearest primary health centres.



Portable Drinking Water Supply:

Supply of portable drinking water has been done for 4 nearby villages on daily basis. Direct drinking water has been supplied to Nalavagala and Kodiyaal Hospet village and the Drinking water at Nadhiharalahalli and Airani village were supplied through the bore well and overhead tanks; Around 20500 people were benefited in these four villages.

3. Sustainable Livelihood:

Skill Training Programs:

Tailoring and Beautician Training Centers are being operated in the villages of Airani and Kavalettu to empower underprivileged rural women by enhancing their livelihood opportunities. The program focuses on developing practical, market-relevant skills that enable women to pursue self-employment and income-generating activities. Participants are provided with structured training, hands-on experience, and guidance to build confidence and financial independence.



As a result, 42 women have started earning their livelihood through self-employment and skilled work, contributing to improved household income and economic stability. The initiative has also fostered greater self-reliance, enhanced decision-making ability, and strengthened social empowerment among the participants. Overall, the program has created a sustainable impact by uplifting rural women and supporting inclusive community development



To improve the economic condition of the rural poor in 10 villages, various livelihood activities are initiated. These initiatives mainly focused on improving the income, skill and resources.

Skill Training Programs:

To make the rural women folk employable in their locality, they are trained with few job-oriented trainings. With this intention under CSR initiatives, 4 Tailoring -Training centres are established in 04 downstream (Airani, Kavalettu, Vaderayanahalli and Nadhiharalahalli) villages. These 04 training centres local female youths are trained on tailoring, embroidering and Basic Beautician training. Total 42 women are trained.

CSR Initiative: Veterinary Health Camps for Livestock Welfare:



As part of the promotion of animal husbandry and livestock development, two veterinary camps were conducted during the quarter across CSR villages. The camps provided essential veterinary services, including health check-ups, treatment, and preventive care for livestock. A total of 2,553 animals benefited from this initiative, improving their health, productivity, and overall well-being.

The program has significantly supported rural farmers by reducing livestock-related losses and enhancing the quality and yield of animal-based produce such as milk. Improved animal health has directly contributed to increased income opportunities and strengthened livelihood security for the farming community. Overall, the initiative has played a vital role in promoting sustainable livestock management and enhancing rural economic resilience.

Desilting of Farm Canal and Farm roadside bush cleaning at CSR Villages:

Desilting of the farm canal and clearing of roadside bushes were carried out at Nalavagala village to enhance rainwater drainage to agricultural fields and facilitate easy access for farmers to their lands. Total 60 farmers benefitted with this activity at the villages.



4. Infrastructure Development Projects:

The renovation of the Sub Health Center at New Nalavagal has significantly improved access to healthcare services in the community. Through mobile health check-ups and outreach during village gatherings such as bhajans, approximately 750 people have benefited from basic screenings and health awareness. The initiative has enhanced early detection of health issues and encouraged better health-seeking behavior. Overall, it has had a strong and positive impact on community well-being.



Model Anganavadi at Nadhiharala halli Village:

Grasim Jana seva Trust has successfully constructed a Model Anganwadi at the central location of Nadhiharalahalli village, creating a safe, engaging, and child-friendly learning environment. The centre currently benefits around 32 children, providing them with improved early childhood care and education services.

The modern infrastructure, along with vibrant and creative wall paintings both inside and outside the building, has significantly enhanced the appeal of the Anganwadi. These child-centric designs have created an enjoyable learning atmosphere, attracted more children and contributed to a noticeable increase in attendance.

Overall, the initiative has positively influenced early childhood development in the village by promoting regular participation, improving learning conditions, and strengthening community trust in Anganwadi services



5. Social Projects:

Free Artificial Hand and Limb Fitment Camp:

Grasim Industries, Harihar, in association with the Karnataka Marwari Youth Federation, Bengaluru, organized the 31st Free Artificial Hand and Limb Fitment Camp to mark the birth anniversary of Shri Aditya Vikram Birla Ji, continuing the initiative started in 1995. So far, the program has benefitted over 4,969 needy and specially abled individuals through the provision of artificial limbs and hands.

The 2025 camp was conducted from 09.11.2025 to 14.11.2025 at the Grasim Auditorium, where beneficiaries were measured and fitted with customized prosthetics. This year, 232 artificial limbs and 15 artificial hands were fitted to 247 specially abled individuals; the event was inaugurated by Shri Soumya Mohanty, Madam Lipi Soumya Mohanty, and Dr. Roopa, and led by FH -HR ,FHs, the CSR Head and team, CSR Committee and union leaders.





Motorized Tricycle to Specially Challenged Persons:

Grasim Jana Seva Trust extended meaningful support to specially challenged individuals by providing motorised tricycles, enhancing their mobility and independence. This initiative has significantly improved beneficiaries' ability to access education, employment, and daily activities with dignity. The distribution was conducted at the DC Campus in Haveri in the presence of the District Commissioner, adding credibility and recognition to the effort. The District Commissioner appreciated Grasim's commitment and impactful contribution toward social inclusion. Overall, the initiative has brought transformative change in the quality of life and self-reliance of the beneficiaries.



Promotion of Heritage, Culture:

The two national heritage sites, Mylarlingeshwaraswamy temple and Kuruvatti Basaveshwara temple of Huvinahadagali Taluk of Vijayanagar District were supported to maintenance and it is up keeping every year. In this fair our team ensures the housekeeping and hygiene during the annual fair by providing bleaching powder and phenol. This prevents the spread of diseases and enhances community health. This initiative is well appreciated by the community as well as the district administration. Total 2.5 lakhs are benefited from these Programmes.



CSR Initiative: Support to Mass Marriage Programmes:

As part of its **CSR community development initiatives**, Under Social Empowerment project **Grasim** extended support to **mass marriage programmes** conducted in its **CSR villages**. Through this initiative, a total of **6 couples** were supported.

The programme aimed to assist economically underprivileged families by reducing the financial burden associated with marriage ceremonies, while also promoting social harmony and community well-being.

This support reflects Grasim's continued commitment to **inclusive community development** and the upliftment of underprivileged sections of society within its CSR operational areas.



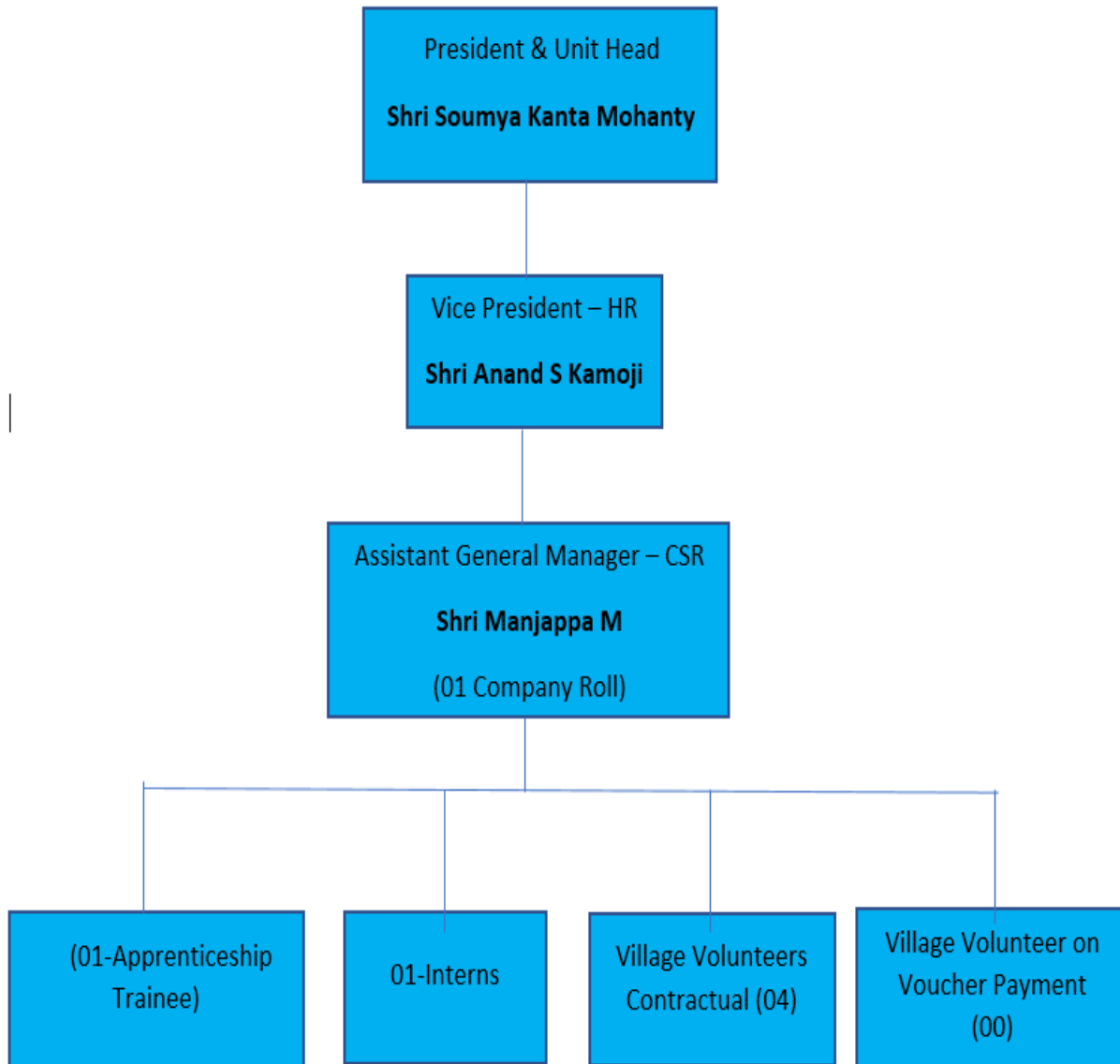
Social Impact Study Report from M/s MMJC and M/s SoulAce Mumbai:

Successfully Supported and coordinated with M/s SoulAce and MMJC Social Impact Study teams to carry out detailed assessments across 10 CSR villages of GJST Grasim Harihar. All necessary arrangements were made to ensure smooth field visits, including facilitating interactions with beneficiaries and local stakeholders. Around 400 samples were collected across five focus areas to understand the impact of our CSR activities and projects. Extended full support to enable the teams to gather accurate and meaningful on-ground feedback. This exercise provided clear insights into the effectiveness of our initiatives and will help strengthen future CSR planning and implementation

Social Impact Study Visit:







Recurring /Operation Cost at Harihara Polyfibers Ltd (HPF)

S. No	Particulars	Unit cost (INR/Kg)	UoM	Daily consumption	Total cost (INR)/day
1	Chemicals				
a	Hydrated Lime	7.2	Kg	300	2160
b	Urea	37	Kg	200	7400
c	DAP	87	Kg	200	17400
d	Liquid PAC	16.25	Kg	6000	97500
e	Defoamer	176	Kg	15	2640
f	Flocculant	215	Kg	75	16125
g	Cow dung	3.25	Kg	30	97.5
2	Power Requirement				
a	Electricity	7	No's	12100	84700
3	Service & Repair				
a	Capex		Rs.	246573	246573
4	Sludge handling		Rs.	2950	2950
5	Biogas operation		Rs.	92500	92500
4	Salary & Wages				
a	Staff and workmen salary		Rs.	29,000	29000
b	Contract workmen for ETP		Rs.	4718	4718
5	AMC charges for online stack & AAQMS maintenance		Rs.	-	3561.6
6	Electricity consumption for ESP installed at Recovery Boiler & Lime kiln	7	Rs.	1403.6	9825.25
	Total ETP treatment cost per day				617150.35

Recurring /Operation Cost at Grasilene Division

Sl. No.	Particulars	Unit cost (INR/Kg)	Daily consumption	Total Cost in Rs.
1	Chemicals			
a	Hydrated Lime	8	9000	72000
b	Urea	55	300	16500
c	DAP	113	150	16950
d	Deformer	126	10	1260
e	PAC (Powder)	25	300	7500
f	Cation poly 419	365	25	9125
				123335
2	Power Requirement			
a	Electricity	7	7900	55300
3	Service & Repair			
a	Accessories plate and frame clothes (yearly 4 sets considered 2+2)		600	600
b	Belt presses top and bottom wire (one set replacement for every 2 years)		450	450
c	Capex		18000	18000
d	Spares and Repairs		8700	8700
4	Salary & Wages			
a	Organic & Inorganic sludge handling cost (for trips)	380	9	3420
b	Lime preparation	740.86	4	2964
c	Other cleanings like sump zone clarifier flash mixer (Yearly 80,000/)		220	220
d	Maintenance workmen		4	4000
e	Staff and workmen salary		21	30000
f	Contract workmen for ETP		3	1984
5	AMC charges for online stack & AAQMS maintenance			3561
6	Electricity consumption for ESP installed at Power Plant	7	996	6972
TOTAL				259506

Subject: Half Yearly EC Compliance Report from April-2025 to September



Shilpa Parameshwarappa <shilpa.p@adityabirla.com>

to rosz.bng-mefcc@gov.in, rosz.bng-mef@nic.in, cat17@kspcb.gov.in, Regional Officer - davangere Karnataka State Pollu

To,
The Director,
Ministry of Environment, Forests & Climate Change,
Regional Office,
Kendriya Sadana, 4th Floor, E & F Wings,
7th Main Road, II Block, Koramangala,
Bengaluru-560034.

Sub: Submission of Half-Yearly Compliance Report for the period from **April-2025 to September-2025** by **M/s. Grasim Ind**

Ref.: 1.EC Letter No. J-11011/371/2006-IA. II(I) Dated: 13.08.2019, amended 28.05.2025

2. EC Letter No.: -11011/371/2006-LA.II(I) dated 08.11.2007 & amended on 30.12.2013.

Sir,

This has reference to above subject and EC Letter No. cited above, we hereby submit the **Half Yearly Compliance Report** (51,100 TPA to 87,600 TPA) & Captive Power Plant (10 MW to 20 MW) with reference to EC letter No. 11011/371/2006-IA. Expansion of Viscose Staple Fibre Plant from 87,600 TPA to 1,75,200 TPA, Pulp plant from 74,400 TPA to 1,48,800 TPA, C Amendment on dated 20/05/2025 in Existing EC for Viscose Staple Fibre Plant from 1,75,200 to 1,56,950 TPA, RG Pulp P Haveri, Karnataka by Grasim Industries Ltd.

We hope you will find our reply in order.

Thanking you with regards,

Yours Faithfully,

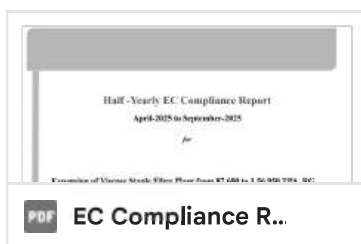
M/s. Grasim Industries Ltd.

Soumya Kanta Mohanty
President & Unit Head

Enc.: Half Yearly Compliance Report (October- 2024 to March-2025)

One attachment • Scanned by Gmail

Add to Drive



Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA/KA/IND2/82389/2006
Compliance ID	613031978
Compliance Number(For Tracking)	EC/M/COMPLIANCE/613031978/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2025
RO/SRO Name	Shri S Senthil Kumar
RO/SRO Email	jk083.ifs@nic.in
State	KARNATAKA
RO/SRO Office Address	Integrated Regional Offices, Bengaluru

Note:- SMS and E-Mail has been sent to Shri S Senthil Kumar, KARNATAKA with Notification to Project Proponent.

Shilpa Parameshwarappa

From: Shilpa Parameshwarappa
Sent: 30 September 2025 17:25
To: 'Regional Officer - davangere Karnataka State Pollution Control Board'; 'cat17@kspcb.gov.in'; 'rosz.bng-mef@nic.in'
Cc: Manohar Kumar R
Subject: RE: Environmental Statement of Harihar Polyfibers and Grasilene Division for the period from 01.04.2023 to 31.03.2024
Attachments: GRD Env Statemnet FY-25.pdf; HPF Environmental Statement FY-25.pdf

To,
30th Sept, 2025
The Environmental Officer,
Karnataka State Pollution Control Board,
"C" Block, Plot No. 501, Near Income Tax Office,
Devraj Urs Layout,
Davangere - 577 006.

Dear Sir,

Sub : Submission of Environmental Statement Report (Form-V) (April, 2024 to March, 2025) for Harihar Polyfibers & Grasilene Division, at Kumarapatnam - 581 123, Dist: Haveri Karnataka by M/s. Grasim Industries Ltd.

With reference to the aforesaid subject, we are herewith submitting the **Environmental Statement Reports (Form-V)** for Harihar Polyfibers and Grasilene Division, at Kumarapatnam - 581 123, Dist: Haveri Karnataka for financial year April, 2024 to March, 2025.

Thanking you with Regards,

For Grasim Industries Ltd.,
(Units: Harihar Polyfibers and Grasilene Division)
Kumarapatnam
Ranebennur-Tq,
Haveri-Dist.

Please note that the Hardcopies of reports sent through Post.

Cc:

1. The Member Secretary
Karnataka State Pollution Control Board,
"Parisara Bhavan", #49, 4th & 5th Floor,
Church Street, Bangalore-560001
2. The Regional Office, MoEF & CC,
Kendriya Sadan, 4th Floor, E&F
Wings, 17th Main Road,
Koramangala II Block,

Online continuous monitoring system OCMS and TOC analyser





Latitude: 14.535987
Longitude: 75.794338
Elevation: 550.98±37.1 m
Accuracy: 6.565 m
Time: 07-11-2025 11:49
Note: flow meter GD Analyser samples

Powered by NoteCam



Latitude: 14.536038
Longitude: 75.794335
Altitude: 439.14±5.45 m
Accuracy: 4.797 m
Time: 07-11-2025 11:49
Note: TOC Analyser samples

Powered by NoteCam

Guard pond and Stormwater drain

Guard pond



Stormwater drain



Unit-wise Details for Air Pollution Control Equipment

S. No.	Unit/plant facility	Section	Air Pollution Control Equipment
1.	VSF Plant	Spinning	<ul style="list-style-type: none"> • CS₂ recovery system • Exhaust system to maintain clean working environment
		Carbon disulfide plant	<ul style="list-style-type: none"> • Klaus Kiln Plant for sulphur recovery Scrubber
		Sulphuric Acid Plant	<ul style="list-style-type: none"> • Mist Eliminator / Demister Scrubber
2.	Captive Power Plant	Boiler	<ul style="list-style-type: none"> • Electrostatic Precipitator with Epic-III controls



Sulphuric Acid Plant Stack with Alkali Scrubber & Demister to reduce SO₂ emissions and sulphuric acid mist respectively.



CFBC boiler with 110 m chimney and advanced ESP

Details for Fly Ash Generated & Utilisation for the period Oct 2025 -Mar 2026

SI No	Month	Fly ash generation (TPM)	Bottom Ash Generation (TPM)	Total Ash generation (TPM)	Total Ash Utilization (%)
1.	Oct-25	4899.29	1429.65	6328.94	100
2.	Nov-25	5231.75	200.07	5431.82	100
3.	Dec-25	5163.61	1176.72	6340.33	100
4.	Jan-26	5394.69	845.60	6240.29	100
5.	Feb-26	4580.92	814.29	5395.21	100
6.	Mar-26	4475.62	232.11	4707.73	100
Total		29745.88	4698.44	34444.32	600.00

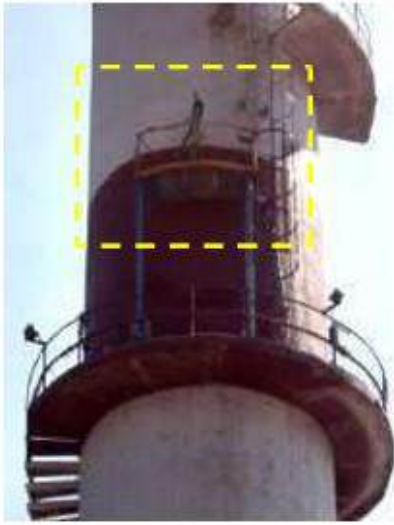
Stack Results
Harihar Polyfibers:

Name of the Stack	Month	Flue gas flow (Nm3/Hr)		SPM (mg/Nm3)	
		KSPCB limit	Achieved	KSPCB limit	Achieved
Recovery Boiler	Oct-25	Max. 1,06,000	42315.67	Max. 150	41.04
	Nov-25		42873.94		41.65
	Dec-25		43162.07		42.14
	Jan-26		43162.07		42.14
	Feb-26		42729.67		41.64
	Mar-26		41298.42		41.55
Lime Kiln Stack	Oct-25	Max. 18,000	11870.43	Max. 150	37.45
	Nov-25		8779.78		38.24
	Dec-25		10898.12		39.51
	Jan-26		12200.11		40.11
	Feb-26		11925.85		40.08
	Mar-26		12617.23		38.76

Grasilene Division:

Name of the Stack	Parameter	Unit	KSPCB limit	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
Spinning Stack	Rate of Emission	Nm3/Hr	375000	201178	201140	201121	201204	201166	201196.5
	Particulate	mg/Nm3	150	24.79	25.32	24.96	25.01	25.38	24.91
	CS2	Kg/Ton	95	90.72	91.41	91.20	91.19	91.29	91.05
Sulphuric Acid Plant	Rate of Emission	Nm3/Hr	16,400	10760.5	11191.5	11277.5	11209.5	11248	10907
	SO2	Kg/Ton	1.0 Kg/T of 100% Acid	0.51	0.51	0.50	0.51	0.52	0.51
	H2SO4	mg/Nm3	50	25.22	25.34	25.75	25.59	24.93	25.87
Carbon Disulphide plant	Rate of Emission	Nm3/Hr	7300	-	-	-	-	-	-
Power Plant Coal fired Boiler	Rate of Emission	Nm3/Hr	366,000	224487.5	223783	222754	222700	222683	224212
	SPM	mg/Nm3	150	43.165	42.96	42.21	40.975	42.01	42.3

Continuous Monitoring System Installed at Stacks



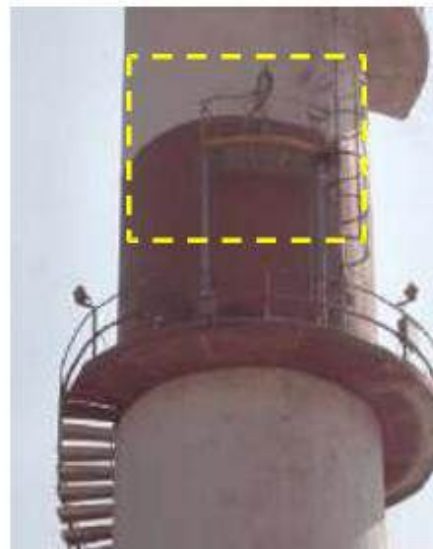
Recovery Stack



Lime Kiln Stack



Acid Plant Stack



Power Plant Stack



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TEST REPORT

Sample Number:	JME/GIL/FD/01	Report No.:	JME/FD/260323001
Name & Address of Unit	M/s. Grasim Industries Ltd. Pulp and VSF Plant at Village- Kumarapatnam, Taluk- Ranebennur, District- Haveri, Karnataka	Format No.:	7.8 F-02
		Party Reference No.	Nil
		Reporting Date:	27/03/2026
		Analysis Completion Date:	27/03/2026
		Analysis Start Date:	23/03/2026
		Receipt Date:	23/03/2026

Sample Description: **FUGITIVE DUST EMISSION**

General Information

Client Representative (Name & Designation)	Ms. Shilpa P. (Manager- Environment Cell)
Sample collected by	JMEPL Team
Sampling Location	Chipper House (HPF)
Latitude	14°31'41.7" N
Longitude	75°47'03.6" E
Instrument used	RDS
Instrument code	JME/RDS/02/04
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	17/03/2026
Time of Monitoring	09:08 to 17:08 Hrs.
Actual duration of Monitoring, (minutes)	480.0
Ambient Temperature (°C)	29°C
Surrounding activity	Near Wood cutting machine & Vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	375.0	µg/m ³

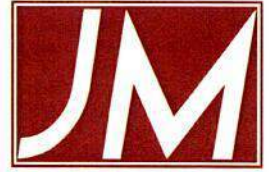

Checked by
Deepak Singh Yadav


Reviewed & Authorized by
Sita Ram Yadav

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TEST REPORT

Sample Number:	JME/GIL/FD/02	Report No.:	JME/FD/260323002
Name & Address of Unit	M/s. Grasim Industries Ltd. Pulp and VSF Plant at Village- Kumarapatnam, Taluk- Ranebennur, District- Haveri, Karnataka	Format No.:	7.8 F-02
		Party Reference No.	Nil
		Reporting Date:	27/03/2026
		Analysis Completion Date:	27/03/2026
		Analysis Start Date:	23/03/2026
Sample Description:	FUGITIVE DUST EMISSION	Receipt Date:	23/03/2026

General Information

Client Representative (Name & Designation)	Ms. Shilpa P. (Manager- Environment Cell)
Sample collected by	JMELPL Team
Sampling Location	Lime Kiln (HPF)
Latitude	14°31'42.0" N
Longitude	75°47'11.5" E
Instrument used	RDS
Instrument code	JME/RDS/02/05
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	17/03/2026
Time of Monitoring	09:55 to 17:55 Hrs.
Actual duration of Monitoring, (minutes)	480.0
Ambient Temperature (°C)	29°C
Surrounding activity	Near Lime Kiln & vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	323.0	µg/m ³

Checked by
Deepak Singh Yadav

Reviewed & Authorized by
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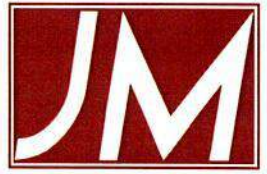


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TEST REPORT

Sample Number:	JME/GIL/FD/03	Report No.:	JME/FD/260323003
Name & Address of Unit	M/s. Grasim Industries Ltd. Pulp and VSF Plant at Village- Kumarapatnam, Taluk- Ranebennur, District- Haveri, Karnataka	Format No.:	7.8 F-02
		Party Reference No.	Nil
		Reporting Date:	27/03/2026
		Analysis Completion Date:	27/03/2026
		Analysis Start Date:	23/03/2026
Sample Description:	FUGITIVE DUST EMISSION	Receipt Date:	23/03/2026


General Information

Client Representative (Name & Designation)	Ms. Shilpa P. (Manager- Environment Cell)
Sample collected by	JMELPL Team
Sampling Location	ETP Lime Godown (GRD)
Latitude	14°32'01.4" N
Longitude	75°47'25.2" E
Instrument used	RDS
Instrument code	JME/RDS/02/04
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	18/03/2026
Time of Monitoring	09:15 to 17:15 Hrs.
Actual duration of Monitoring, (minutes)	480.0
Ambient Temperature (°C)	27°C
Surrounding activity	Nr. Lime unloading & vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	383.0	µg/m ³


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Deepak Singh Yadav


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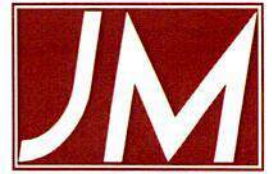


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TEST REPORT

Sample Number:	JME/GIL/FD/04	Report No.:	JME/FD/260323004
Name & Address of Unit	M/s. Grasim Industries Ltd. Pulp and VSF Plant at Village- Kumarapatnam, Taluk- Ranebennur, District- Haveri, Karnataka	Format No.:	7.8 F-02
		Party Reference No.	Nil
		Reporting Date:	27/03/2026
		Analysis Completion Date:	27/03/2026
		Analysis Start Date:	23/03/2026
Sample Description:	FUGITIVE DUST EMISSION	Receipt Date:	23/03/2026

General Information

Client Representative (Name & Designation)	Ms. Shilpa P. (Manager- Environment Cell)
Sample collected by	JMEPL Team
Sampling Location	Coal Storage Area (GRD)
Latitude	14°31'56.5" N
Longitude	75°47'06.9" E
Instrument used	RDS
Instrument code	JME/RDS/02/05
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	18/03/2026
Time of Monitoring	10:05 to 18:05 Hrs.
Actual duration of Monitoring, (minutes)	480.0
Ambient Temperature (°C)	27°C
Surrounding activity	Power Plant, Coal Storage & vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	425.0	µg/m ³


Checked by
Deepak Singh Yadav


Reviewed & Authorized by
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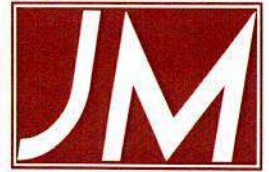


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TEST REPORT

Sample Number: **JME/GIL/FD/05**
 Name & Address of Unit: **M/s. Grasim Industries Ltd. Pulp and VSF Plant at Village- Kumarapatnam, Taluk- Ranebennur, District- Haveri, Karnataka**
 Sample Description: **FUGITIVE DUST EMISSION**

Report No.: **JME/FD/260323005**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **27/03/2026**
 Analysis Completion Date: **27/03/2026**
 Analysis Start Date: **23/03/2026**
 Receipt Date: **23/03/2026**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument calibration status
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Actual duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Ms. Shilpa P. (Manager- Environment Cell)
JMEPL Team
Charcoal Storage Area (GRD)
14°32'02.1" N
75°47'17.7" E
RDS
JME/RDS/02/04
Calibrated
Clear Sky
19/03/2026
09:00 to 17:00 Hrs.
480.0
27°C
Vehicular Activities
--
JMELPL/STOP/04
As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	451.0	µg/m ³

Checked by

Deenak Singh Yadav



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Sita Ram Yadav

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TC-6821

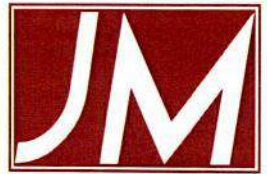
CIN No. :U74220HR2011PTC085756

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TEST REPORT

Sample Number: **JME/GIL/FD/06**
 Name & Address of Unit: **M/s. Grasim Industries Ltd.
 Pulp and VSF Plant
 at Village- Kumarapatnam,
 Taluk- Ranebennur, District- Haveri,
 Karnataka**
 Sample Description: **FUGITIVE DUST EMISSION**

Report No.: **JME/FD/260323006**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **27/03/2026**
 Analysis Completion Date: **27/03/2026**
 Analysis Start Date: **23/03/2026**
 Receipt Date: **23/03/2026**

General Information

Client Representative (Name & Designation)

Sample collected by

Sampling Location

Latitude

Longitude

Instrument used

Instrument code

Instrument calibration status

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Actual duration of Monitoring, (minutes)

Ambient Temperature (°C)

Surrounding activity

Control measure if Any

Sampling Protocol

Parameter Required

Ms. Shilpa P. (Manager- Environment Cell)

JMELPL Team

ETP Lime Godown (HPF)

14°32'01.4" N

75°47'25.2" E

RDS

JME/RDS/02/05

Calibrated

Clear Sky

19/03/2026

09:32 to 17:32 Hrs.

480.0

27°C

Nr. Lime unloading & vehicular Activities

--

JMELPL/STOP/04

As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	390.0	µg/m ³

Page 1 of 1

Checked by

Deepak Singh Yadav

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Sita Ram Yadav**Note:**

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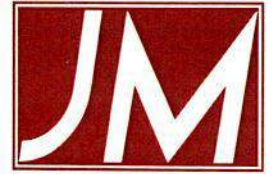
End of Report



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TEST REPORT

Sample Number: **JME/GIL/FD/07**
 Name & Address of Unit: **M/s. Grasim Industries Ltd.
 Pulp and VSF Plant
 at Village- Kumarapatnam,
 Taluk- Ranebennur, District- Haveri,
 Karnataka**
 Sample Description: **FUGITIVE DUST EMISSION**

Report No.: **JME/FD/260323007**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **27/03/2026**
 Analysis Completion Date: **27/03/2026**
 Analysis Start Date: **23/03/2026**
 Receipt Date: **23/03/2026**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument calibration status
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Actual duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Ms. Shilpa P. (Manager- Environment Cell)
JMELPL Team
Biogas Plant (HPF)
14°32'01.4" N
75°47'25.2" E
RDS
JME/RDS/02/04
Calibrated
Clear Sky
20/03/2026
09:11 to 17:11 Hrs.
480.0
28°C
Nr. Lime unloading & vehicular Activities
--
JMELPL/STOP/04
As per Work Order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	380.0	µg/m ³

Checked by
Deepak Singh Yadav

Reviewed & Authorized by
Sita Ram Yadav



- Note:
1. This test report pertains solely to the tested sample as received.
 2. This report shall not be reproduced without in full.
 3. Any discrepancies in this test report must be brought to our attention within 7 days from the date of issue.
 4. The sample will be destroyed after the specified retention period unless prior instructions are received.
 5. All disputes are subject to the exclusive jurisdiction of Gurugram only.



Treated effluent Report- : Harihar Polyfibers (Oct 25 to Mar 26)

Sl. No.	Parameters	Units	KSPCB Limits							
				Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Avg
1	Colour & Odour			All efforts are made to remove colour & unpleasant odour at the source as far as practicable.						
2	Total Suspended Solids	mg/l	Max 100	50.75	50.75	51.50	50.00	50.37	53.55	51.15
3	Total dissolved Solids (Inorganic)	"	Max 2100	1754.0	1755.75	1756.75	1753.9	1746.25	1749.22	1752.64
4	Temperature	°C	**	32.5	32.50	32.75	32.7	32.87	33.44	32.79
5	pH	-	6 to 8.5	7.3	7.35	7.33	7.2	7.30	7.3	7.30
6	Oils & Grease	mg/l	Max 10	2.2	2.50	1.88	2.1	2.38	1.7	2.12
7	Residual Chlorine	"	Max 1.0	0.4	0.50	0.35	0.4	0.34	0.34	0.39
8	Ammonical Nitrogen(as N)	"	Max 50	2.5	2.2	2.10	2.2	2.14	2.36	2.26
9	Total Kjeldal Nitrogen(N)		Max 100	2.8	2.6	2.38	2.6	2.52	2.64	2.58
10	BOD3 at 27 oC	"	Max 30	16.0	15.5	16.25	16.9	15.50	16.66	16.13
11	Free ammonia as (NH3)	"	Max 5.0	0.6	0.7	0.52	0.7	0.62	0.65	0.64
12	COD	"	Max 250	145.8	144.8	152.00	157.3	143.00	150.33	148.86
13	Arsenic (as As)		Max 0.2	ND	ND	ND	ND	ND	ND	ND
14	Mercury (as Hg)	"	Max 0.01	ND	ND	ND	ND	ND	ND	ND
15	Hexavalent Chromium (as Cr ⁺⁶)	"	Max 0.1	ND	ND	ND	ND	ND	ND	ND
16	Total Chromimium (as Cr)	"	Max 2.0	ND	ND	ND	ND	ND	ND	ND
17	Boron (as B)	"	Max 2.0	ND	ND	ND	ND	ND	ND	ND
18	Chloride (as Cl)		Max 1000	408.0	358.5	380.00	360.8	356.60	404	377.98
19	Flouride (as F)	"	Max 2.0	ND	ND	ND	ND	ND	ND	ND
20	Disolve Phosphate (as P)	"	Max 5.0	0.7	0.8	0.70	0.5	0.49	0.72	0.65
21	Sulphate (as SO4)	"	Max 1000	883.0	830.8	886.75	877.3	845.87	894	869.61
22	Phenols (as C6H5OH)	"	Max 1.0	ND	ND	ND	ND	ND	ND	ND
23	Bioassay as per IS 6582 - 1971	% Survival	Not less than 90% of test animal shall survive in 96 hours	100.00	100.00	100.00	100.0	100.00	100	100.00
24	Sulphide (as S)	"	Max 2.0	1.7	1.8	1.77	1.7	1.71	1.74	1.74
25	Adsorable Organic Halogens (AOX)	Kg/T on of Pulp	Max 1.0	0.23	0.3	0.21	0.3	0.29	0.29	0.27
26	Treated effluent Volume	M3/day	33000 m3/day (w.r.t. existing CFO)	19924.5	18179.3	17756.25	18656.0	18949.00	18730	18699.17
	Mixed effluent	M3/day	48120 m3/day (w.r.t. existing CFO)	31781.5	29885.3	29802.50	29507.0	31145.00	30415	30422.71

Treated effluent Report- : Grasilene Division (Oct 25 to Mar 26)

Sl. No.	Parameters	Units	KSPCB Limits							
				Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Avg
1	Colour & Odour			All efforts are made to remove colour & unpleasant odour at the source as far as practicable.						
2	Total Suspended Solids	mg/l	Max 100	50.8	50.8	51.5	50.0	50.37	53.55	51.2
3	Total dissolved Solids (Inorganic)	"	Max 2100	1754.0	1755.8	1756.75	1753.9	1746.25	1749.22	1752.6417
4	Temperature	Deg. C	**	32.5	32.5	32.75	32.7	32.87	33.44	32.79
5	pH	-	6 to 8.5	7.3	7.4	7.33	7.2	7.30	7.3	7.30
6	Oils & Grease	mg/l	Max 10	2.2	2.5	1.88	2.1	2.38	1.7	2.12
7	BOD3 at 27 oC	"	Max 30	16.0	15.5	16.25	16.9	15.5	16.66	16.13
8	COD	"	Max 250	145.8	144.8	152.00	157.3	143.0	150.33	148.86
9	Mercury (as Hg)	"	Max 0.01	ND	ND	ND	ND	ND	ND	ND
10	Total Chromium (as Cr)	"	Max 2.0	ND	ND	ND	ND	ND	ND	ND
11	Zinc (as Zn)		Max 1.0	0.22	0.23	0.20	0.18	0.20	0.22	0.21
12	Sulphate (as SO ₄)	"	Max 1000	883.0	830.8	886.75	877.3	845.9	894.00	869.61
13	Sulphide (as S)	"	Max 2.0	1.7	1.8	1.77	1.7	1.7	1.74	1.74
14	Phenols (as C ₆ H ₅ OH)	"	Max 1.0	ND	ND	ND	ND	ND	ND	ND
15	Bioassay as per IS 6582 - 1971	% Survival	Not less than 90% of test animal shall survive in 96 hours	100.00	100.00	100.00	100.00	100.00	100.00	100
16	Hexavalent Chromium (as Cr ⁺⁶)	"	Max 0.1	ND	ND	ND	ND	ND	ND	ND
17	Treated effluent Volume	M ³ /day	16840 m ³ /day (w.r.t. existing CFO)	11857.0	11706.0	12046.30	11450.0	12195.4	11685.00	11823.28
	Mixed effluent	M ³ /day	48120 m ³ /day (w.r.t. existing CFO)	31781.5	29885.3	29802.50	29507.0	31145.0	30415.00	30422.72



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ನಿರ್ದೇಶಕರ ಕಾರ್ಯಾಲಯ
2ನೇ ಮಹಡಿ,, "ಕಲ್ಯಾಣ-ಸುರಕ್ಷಾ ಭವನ"
ಬನ್ನೇರುಘಟ್ಟ ರಸ್ತೆ, ಬೆಂಗಳೂರು-560029

ನಮೂನೆ ಸಂ. 3
(ನಿಯಮ 5 ರಂತೆ ನಿಗದಿಪಡಿಸಲಾದದ್ದು)
ಕಾರ್ಖಾನೆ ನಡೆಸಲು ಪರವಾನಗಿ

ಕಾರ್ಖಾನೆಯ ಪರವಾನಗಿ ಸಂ.: MY-DWR-508

ಶುಲ್ಕ : 278220.00

ಮೆ: GRASIM INDUSTRIES LTD HARIHAR POLYFIBERS

ಇದರ

ಶ್ರೀ HIMANSHU KAPANIA

ಇವರಿಗೆ ಈ ಮೂಲಕ ಪರವಾನಗಿ ನೀಡಿದೆ. ಕಾರ್ಖಾನೆಗಳ

ಅಧಿನಿಯಮ 1948 ಮತ್ತು ಕರ್ನಾಟಕ ಕಾರ್ಖಾನೆಗಳ ನಿಯಮ 1969 ರಡಿಯಲ್ಲಿ ರಚಿತಗೊಂಡ ನಿಯಮಗಳ ಉಪಬಂಧಗಳಿಗೆ ಒಳಪಟ್ಟು ವರ್ಷದ ಯಾವುದೇ ಒಂದು ದಿನ ನಿರ್ದಿಷ್ಟ ಸಂಖ್ಯೆಗೆ ಮೀರದಷ್ಟು ಕೆಲಸಗಾರರನ್ನು ನಿಯೋಜಿಸುವ ಮತ್ತು ನಿರ್ದಿಷ್ಟ ಅಶ್ವಶಕ್ತಿ / ಕಿಲೋವ್ಯಾಟ್ ಉಪಯೋಗಿಸಿ, ಕೆಳಗೆ ವಿವರಿಸಿದ ನಿವೇಶನದಲ್ಲಿ ಪರವಾನಗಿ ನೀಡಲಾದ ಅವಧಿಗೆ ಕಾರ್ಖಾನೆಯನ್ನಾಗಿ ಉಪಯೋಗಿಸಲು ಮಾತ್ರ ಇದು ಮಾನ್ಯವಾಗಿದೆ.

LOCATION OF THE FACTORY:

UNIT HARIHAR POLYFIBERS

KUMARAPATNAM POST, RANEBENNUR TALUK

KUMARAPATNAM

RANEBENNUR

HAVERI

ಕಾರ್ಖಾನೆಯ ಪರವಾನಗಿ ನವೀಕರಣ

ನವೀಕರಣ ಪ್ರಾರಂಭ ದಿನಾಂಕ	ಅವಧಿ ಅಂತ್ಯಗೊಳ್ಳುವ ದಿನಾಂಕ	ಪರಮಾವಧಿ ಕಾರ್ಮಿಕರ ಸಂಖ್ಯೆ	ಪರಮಾವಧಿ ಅಶ್ವಶಕ್ತಿ/ಕಿಲೋವ್ಯಾಟ್
01/01/2026	31/12/2026	1,500	32636 / 10355

LIST OF DIRECTORS/PARTNERS:

Date : 16/10/2025

Place : Bengaluru

ನಿರ್ದೇಶಕರು
ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ
ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

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ಕರ್ನಾಟಕ ಸರ್ಕಾರ

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ಕಾರ್ಖಾನೆ ನಡೆಸಲು ಪರವಾನಗಿ

ಕಾರ್ಖಾನೆಯ ಪರವಾನಗಿ ಸಂ.: MYDWR-783

ಶುಲ್ಕ : 278220.00

ಮೆ: GRASIM INDUSTRIES LTD UNIT GRASILENE

ಇದರ

ಶ್ರೀ HIMANSHU KAPANIA

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LOCATION OF THE FACTORY:

UNIT. GRASILENE DIVISION

KUMARAPATNAM

RANEBENNUR

HAVERI

ಕಾರ್ಖಾನೆಯ ಪರವಾನಗಿ ನವೀಕರಣ

ನವೀಕರಣ ಪ್ರಾರಂಭ ದಿನಾಂಕ	ಅವಧಿ ಅಂತ್ಯಗೊಳ್ಳುವ ದಿನಾಂಕ	ಪರಮಾವಧಿ ಕಾರ್ಮಿಕರ ಸಂಖ್ಯೆ	ಪರಮಾವಧಿ ಅಶ್ವಶಕ್ತಿ/ಕಿಲೋವ್ಯಾಟ್
01/01/2026	31/12/2026	1,500	63099.00 / 30000

LIST OF DIRECTORS/PARTNERS:

Date : 16/10/2025

Place : Bengaluru

ನಿರ್ದೇಶಕರು
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ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

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Recommendations made in the CREP for Pulp plant

Sl. No.	CREP conditions for Pulp & Paper Industry along with implementation schedule	Implementation Status of M/s. Harihar PolyFibres Industry																														
1	Discharge of AOx Kg/tonne of paper: <ul style="list-style-type: none"> • AOx 1.5 kg/tonne of paper within 2 years. • AOx 1.0 Kg/Tonne of paper in 5 years 	The Unit achieved average value of AOx is 0.33 Kg/Tonne of Pulp.																														
2	Installation of Lime Kiln: within 4 years	Installed the Lime kiln along with online continuous emission monitoring system connected to CPCB server.																														
3	Wastewater discharge cum/tonne of paper: <ul style="list-style-type: none"> • Less than 140 cum/tonne of paper within 2 years. • Less than 120 cum/tonne in 4 years for units installed before 1992. • Less than 100 cum/tonne of paper per units installed after 1992. 	The average wastewater discharge is 102.03 cum/tonne of Pulp.																														
4	Odor control by burning the reduced Sulphur emissions in the boiler/lime kiln.	Odor causing high concentrated low volume non condensable gases are collected in single vessel and being burnt in Lime kiln. All influent drains are covered concrete Slabs.																														
5	Utilization of treated effluent for irrigation wherever possible.	The industry is utilizing about 3000 m3 of treated effluent per day in non-monsoon seasons for greenery development. Efforts being made to utilize more treated effluent for greenery development in non-monsoon season by covering all the available adjacent land surrounding of industry.																														
6	Color removal from the effluent.	Industry has installed Color Removal technology (Tertiary Clarifier) with 7.0Crore capital investment and Operating cost 1.5 Lac per day. <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #92d050;"> <th>Parameter of Treated Wastewater</th> <th>Unit</th> <th>KSPCB target</th> <th>Before Tertiary Treatment</th> <th>After Tertiary Treatment</th> <th>% of Reduction</th> </tr> </thead> <tbody> <tr> <td>Inlet/Outlet Colour</td> <td>PtCo</td> <td>NA</td> <td>900</td> <td>200</td> <td>78.0</td> </tr> <tr> <td>COD</td> <td>ppm</td> <td>250</td> <td>230</td> <td>160</td> <td>30.4</td> </tr> <tr> <td>BOD</td> <td>ppm</td> <td>30</td> <td>26</td> <td>17</td> <td>34.6</td> </tr> <tr> <td>TSS</td> <td>ppm</td> <td>100</td> <td>85</td> <td>35</td> <td>59</td> </tr> </tbody> </table> <p>In addition to above DO increased by 22% i.e average DO value 4.1ppm to 5.0ppm.</p>	Parameter of Treated Wastewater	Unit	KSPCB target	Before Tertiary Treatment	After Tertiary Treatment	% of Reduction	Inlet/Outlet Colour	PtCo	NA	900	200	78.0	COD	ppm	250	230	160	30.4	BOD	ppm	30	26	17	34.6	TSS	ppm	100	85	35	59
Parameter of Treated Wastewater	Unit	KSPCB target	Before Tertiary Treatment	After Tertiary Treatment	% of Reduction																											
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