



Date: 27/11/2023

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- 2023 to Sep-2023** by M/s. Grasim Industries Ltd., Kumarapatnam, Ranebennur, Haveri, Karnataka.

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

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 April-2023 to Sep-2023** 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-IA.II(I) dated 13.08.2019. 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.

Ajay Kumar Gupta
Sr. President & Unit Head

Enc.: Half Yearly Compliance Report (April-2023 to Sep-2023)



Birla Cellulose
Fibres from Nature

Grasim Industries Limited

Units : Harihar Polyfibers & Grasilene Division
Kumarapatnam 581 123, Dist. Haveri, Karnataka.

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

SIX MONTHLY COMPLIANCE REPORT

(April, 2023 to Sep. 2023)

**AS PER CONDITIONS STIPULATED IN THE
ENVIRONMENTAL CLEARANCE**

**MoEF Letter No. J-11011/371/2006-IA.II(I) dated : 08.11.2007,
amended 30.12.2013 & 13.08.2019**

FOR

**Expansion of Viscose Staple 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**

At

**Kumarapatnam, Ranebennur, Haveri,
Karnataka**

SUBMITTED BY

M/s. Grasim Industries Ltd.

Kumarapatnam Grasslene Division
Kumarapatnam - 581123
Ranebennur, Haveri, Karnataka

PREPARED BY

J.M. EnviroNet (P) Ltd.

Emaar Digital Greens, Tower - B, Unit No. 1517,
Golf Course Ext. Road, Sector - 61,
Gurugram (Haryana) - 122 011

Name of the Project : **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 at Kumarapatnam, Ranebennur, Haveri, Karnataka by M/s Grasim Industries Ltd.**

Clearance letter No. & date : **MoEF Letter No. J-11011/371/2006-IA II (I) dated : 08.11.2007, amended 30.12.2013 & 13.08.2019**



Address for Correspondence : **Grasim Industries Limited : Kumarapatnam Harihar Polyfibers and Grasilene Division Kumarapatnam - 581123 Ranebennur, Haveri, Karnataka**

Date of commencement : **May 2011**


Date of completion (actual &/or planned) : **Trial commenced from October 2012**




Production details from April-23 to Sep-23 : **Rayon Grade Pulp: 32345 MT
Viscose Staple Fiber: 39162.06 MT
Sulphuric Acid: 33256.77 MT
Carbon Di-Sulphide: 6565.98 MT
By-product Sodium Sulphate: 25785.1 MT**






Sl. No.	EC Condition	Status																				
A. Specific Condition																						
i.	The process emissions in the form of SO ₂ from the acid plant shall be scrubbed by 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 H ₂ SO ₄ production area, 3-stage condensing system for recovery of CS ₂ , Klaus Kiln Sulphur recovery system to recover Sulphur from CS ₂ 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>The process emissions in the form of SO₂ from the acid plant are being scrubbed by wet scrubber. Electrostatic Precipitators (ESPs) are being installed at power plant boiler to control particulate emission.</p> <p>Sulphuric Acid is manufactured by Double Conversion Double Absorption (DCDA) process by burning sulphur in air to form sulphur dioxide, which is then catalytically converted to sulphur trioxide and absorbed in sulphuric acid in Absorption Towers to get sulphuric acid.</p> <p>Klaus Kiln Sulphur recovery system to recover Sulphur from CS₂ plant tail gases etc. are being provided.</p> <p>Vents from scrubbers and condensers are being periodically monitored and maintained as per the best practicable technology.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Unit/plant facility</th> <th>Section</th> <th>Air Pollution Control Equipment</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>VSF Plant</td> <td>Spinning</td> <td> <ul style="list-style-type: none"> CS₂ recovery system Exhaust system to maintain clean working environment </td> </tr> <tr> <td></td> <td></td> <td>Carbon disulphide plant</td> <td> <ul style="list-style-type: none"> Klaus Kiln Plant for sulphur recovery </td> </tr> <tr> <td></td> <td></td> <td>Sulphuric Acid Plant</td> <td> <ul style="list-style-type: none"> Mist Eliminator / Demister </td> </tr> <tr> <td>2.</td> <td>Captive Power Plant</td> <td>Boiler</td> <td> <ul style="list-style-type: none"> Electrostatic Precipitator with Epic-III controls </td> </tr> </tbody> </table>	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 disulphide plant	<ul style="list-style-type: none"> Klaus Kiln Plant for sulphur recovery 			Sulphuric Acid Plant	<ul style="list-style-type: none"> Mist Eliminator / Demister 	2.	Captive Power Plant	Boiler	<ul style="list-style-type: none"> Electrostatic Precipitator with Epic-III controls
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Sl.No.	EC Condition	Status
		
	<p>Sulphuric Acid Plant Stack with Alkali Scrubber & Demister to reduce SO₂ emissions and sulphuric acid mist respectively.</p>	<p>CFBC boiler with 110 m chimney and advanced ESP</p>
<p>ii.</p>	<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 1.</p> <p>Efforts made to bring down CS₂ levels:</p> <ul style="list-style-type: none"> • Line 1 & 2 machines CS₂ recovery troughs have been replaced with new FRP trough. • Line 1 & 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 modified to improve the CS₂ Recovery. • Line 1,2 &3 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. <p>Installed higher capacity process Chilled water Pump for improving CS₂ recovery.</p>

Sl. No.	EC Condition	Status
iii.	<p>The industry shall measure ambient air quality for CS₂ and H₂S at the 3 ambient air quality monitoring stations set up in consultation with the KSPCB to ensure CS₂ and H₂S not to exceed 100 µg/m³ and 150 µg/m³ respectively.</p>	<p>Grasim has already set up 3 ambient air quality monitoring stations in consultation with the KSPCB. CS₂ and H₂S 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 results are enclosed as Annexure 1.</p>
	 <p style="text-align: center;">AAQM Station at ETP</p>	 <p style="text-align: center;">AAQM Station at Intake-well</p>
	 <p style="text-align: center;">AAQM Station at Guest House</p>	 <p style="text-align: center;">Continuous Display of Air Quality Data at Factory Main Gate</p>
iv.	<p>The water requirement from River Thunga bhadra after expansion shall not exceed 18,670 m³/day. Prior permission for the draw of 18,670 m³/day water from Tungabhadra river shall be obtained from the concerned Department. The quantity of wastewater shall not exceed 61.2 m³/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.</p>	<ul style="list-style-type: none"> • The water requirement from River Tungabhadra after expansion does not exceed 18,670 m³/day and Prior permission for water withdrawal has been obtained from concern authority. • The quantity of wastewater shall not exceed 61.2 m³/Ton of product as proposed for the expansion plant and maintaining less than 48.19 m³ /Ton of Product. • Overall Na₂SO₄ recovery is achieved 88.45 % and efforts are being made for further recovery. We have reduced the caustic by 60 Kg per ton of Fibre i.e. from use of 530 Kg per ton of fiber to 470 Kg per ton. Hence the Salt recovery percentage has been reduced. <ul style="list-style-type: none"> •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.

Sl.No.	EC Condition	Status																																
v.	The fly ash from power plant boilers shall be utilized as per Fly ash notification, 1999 and subsequently amended in 2003.	<p>The fly ash from power plant boilers is being utilized as per Fly ash notification, 1999 and subsequently amended in 2003. During April-2023 to Sep-2023, 29,021.15 MT of fly ash generated and entire quantity has been sold to brick manufacturing units.</p> <table border="1"> <thead> <tr> <th>Sl No</th> <th>Month</th> <th>Fly Ash Utilized (MT)</th> <th>Bottom Ash (MT)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Apr-23</td> <td>4045.43</td> <td>761.97</td> </tr> <tr> <td>2.</td> <td>May-23</td> <td>2048.42</td> <td>401.10</td> </tr> <tr> <td>3.</td> <td>June-23</td> <td>4737.67</td> <td>1096.09</td> </tr> <tr> <td>4.</td> <td>July-23</td> <td>4264.63</td> <td>935.84</td> </tr> <tr> <td>5.</td> <td>Aug-23</td> <td>4524.00</td> <td>1022.00</td> </tr> <tr> <td>6.</td> <td>Sep-23</td> <td>4213.00</td> <td>971.00</td> </tr> <tr> <td colspan="2">Total</td> <td>23833.15</td> <td>5188</td> </tr> </tbody> </table>	Sl No	Month	Fly Ash Utilized (MT)	Bottom Ash (MT)	1.	Apr-23	4045.43	761.97	2.	May-23	2048.42	401.10	3.	June-23	4737.67	1096.09	4.	July-23	4264.63	935.84	5.	Aug-23	4524.00	1022.00	6.	Sep-23	4213.00	971.00	Total		23833.15	5188
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vi.	The solid waste shall be segregated according to its calorific content and stored 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/reprocessors.	<p>Solid waste is being segregated according to its calorific content and stored separately for treatment and disposal. De-ashed charcoal churi and ETP organic sludge being used in Boiler as fuel after mixing with coal.</p> <p>Used oil is being sold to KSPCB authorized recycler.</p>																																
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.	<p>Out of the total plant area i.e. 266 ha, 96 ha (36% of the plant area) adequate greenbelt has been developed and maintained to mitigate the effect of fugitive emissions.</p> <p>Photographs showing the green belt along the boundary wall, open space and avenue roads are enclosed below which has been developed in consultation with the local DFO as per the CPCB guidelines.</p>																																
																																		

		
		
		
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		
Sl. No.	EC Condition	Status
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/ or other statutory authority.	Grasim Industries Ltd. are adhered to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) and the State Government.

Sl.No.	EC Condition	Status	
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. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. Prior application will be submitted in the Ministry for clearance for any deviations or alterations in the project proposal.	
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 in case emission level exceeds limit.	The Photographs of the Continuous monitoring system installed at stacks are enclosed below. Interlocking facilities is being provided so that process can be automatically stopped in case emission level exceeds limit. The online data has been transmitted to CPCB and SPCB server. The results are enclosed as Annexure 1.	
 <p data-bbox="280 1339 448 1367">Recovery Stack</p>	 <p data-bbox="573 1339 740 1367">Lime Kiln Stack</p>	 <p data-bbox="865 1339 1040 1367">Acid Plant Stack</p>	 <p data-bbox="1144 1339 1341 1367">Power Plant Stack</p>
 <p data-bbox="703 1593 911 1621">Monitoring Station</p>			

Sl.No.	EC Condition	Status																		
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.	<p>Grasim Industries had already established 3 ambient air quality monitoring stations in downward direction as well as where maximum concentration of SPM, SO₂ and NO_x are anticipated in consultation with the KSPCB.</p> <p>Photographs of 3 ambient air quality monitoring stations are enclosed above. 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.</p> <p>Results of ambient air quality and stack emissions (Apr-2023- Sep- 2023) are enclosed as Annexure 1.</p>																		
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	<p>Fugitive emission in the work zone environment monitored and the values are well within the prescribed standards. The results of Fugitive emissions in the work zone are:</p> <p style="text-align: right;">(SPM in µg/m³)</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Locations</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Chipper House (Pulp Plant)</td> <td>384</td> </tr> <tr> <td>2.</td> <td>Lime Kiln (Pulp Plant)</td> <td>350</td> </tr> <tr> <td>3.</td> <td>ETP Lime Godown (GRD)</td> <td>422</td> </tr> <tr> <td>4.</td> <td>Coal Storage Area</td> <td>520</td> </tr> <tr> <td>5.</td> <td>Charcoal Storage Area</td> <td>580</td> </tr> </tbody> </table> <p>Measures taken to reduce fugitive emissions are:</p> <ul style="list-style-type: none"> • Motorised 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. • Wagon Tippler will be 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. 	S. No.	Locations	Results	1.	Chipper House (Pulp Plant)	384	2.	Lime Kiln (Pulp Plant)	350	3.	ETP Lime Godown (GRD)	422	4.	Coal Storage Area	520	5.	Charcoal Storage Area	580
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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.	3 Number of 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 below.
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The effluent quality monitoring results are given below.



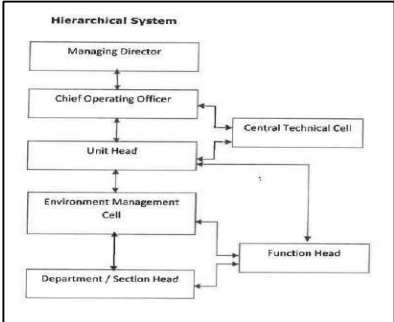
Sl. No.	Parameters	Units	KSPCB Limits	Month					
				Apr-23	May-23	June-23	Jul-23	Aug-23	Sep-23
1	Total Suspended Solids	mg/l	Max 100	50.1	48.5	51.3	51.0	52.3	47.8
2	Total dissolved Solids (Inorganic)	"	Max 2100	1795.6	1850.0	1779.9	1795.2	1792.3	1783.8
3	Temperature	Deg. C	**	33.9	33.0	32.9	31.5	32.5	32.4
4	pH	-	6 to 8.5	7.3	7.6	7.4	7.4	7.3	7.2
5	Oils & Grease	mg/l	Max 10	1.3	1.6	1.5	1.5	1.6	1.5

6	BOD3 at 27 °C	"	Max 30	15.5	12.5	14.4	16.8	17.0	14.8
7	COD	"	Max 250	139.5	118.5	132.6	149.6	156.8	136.8
8	Mercury (as Hg)	"	Max 0.01	ND	ND	ND	ND	ND	ND
9	Hexavalent Chromium (as Cr ⁺⁶)	"	Max 0.1	ND	ND	ND	ND	ND	ND
10	Total Chromium (as Cr)	"	Max 2.0	ND	ND	ND	ND	ND	ND
11	Zinc as (Zn)	"	Max 2.0	0.21	0.27	0.26	0.24	0.19	0.19
12	Sulphate (as SO ₄)	"	Max 1000	835.9	871.5	831.5	851.4	842.4	842.8
13	Phenolic compounds (as C ₆ H ₅ OH)	"	Max 1.0	ND	ND	ND	ND	ND	ND
14	Bioassay as per IS 6582 - 1971	% Survival	Not less than 90% of test animal shall survive in 96 hours	100	100	100	100	100	100
15	Sulphide (as S)	mg/l	Max 2.0	1.6	1.4	1.6	1.5	1.6	1.7
vii.	Industrial wastewater shall be properly collected and treated so as to conform to the 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.			Industrial Waste water is being collected and treated in Effluent Treatment Plant (ETP). 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.					
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 & Safety Inspectorate etc. has been obtained vide letter no. MY-DWR-783, valid up to 31.12.2023.					
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. Authorisation 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
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 is maintained well within the standards. Adequate equipment's including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Equipment's are subjected to Non-Destructive Testing. 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 Noise monitoring results are as below.

Ambient Noise Level -dB (A) at different locations						
Month & Year	Time	Guest House	SBM Building	Intake well	ETP Lab	Air strip
Apr-23	Day time	53	54	51	52	52
	Night time	47	46	44	43	42
May-23	Day time	54	55	52	51	50
	Night time	48	47	44	42	41
June-23	Day time	53	54	52	52	51
	Night time	49	48	45	44	43
July-23	Day time	54	53	52	51	50
	Night time	50	49	46	45	42
Aug-23	Day time	55	52	51	51	51
	Night time	51	50	47	46	45
Sep-23	Day time	54	53	52	52	51
	Night time	52	51	48	47	46

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.	Rainwater harvesting structures are being constructed to channelize the rainwater flow from rooftops, paved and cemented area within premises and being stored in Water Reservoir 1, Unit has constructed two water reservoir to store River Runoff water and rain harvesting purpose (Rain water Collecting and reusing). Water Reservoir No.1 having storage capacity 18.0 lakh m3 with captured area 208000m2 and Water Reservoir No.2 having storage capacity 18.0 lakh m3 with captured area 2.00000 m2. Photographs of the reservoirs are as follows;
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	<p style="text-align: center;">Reservoir 1</p> 	<p style="text-align: center;">Reservoir 2</p> 																																			
<p>xii.</p>	<p>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.</p>	<p>Industry is carrying out general medical examination of all the employees and also special tests like lung function test, Spirometry test, hearing capacity test etc. for specific employees as per the requirements and Factories Act and records are being maintained.</p> <p>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>																																			
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<p>xiii.</p>	<p>A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and monitoring functions.</p>	<p>A separate Environment Management Cell is being established which 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.</p>																																			
 <pre> graph TD MD[Managing Director] --> COO[Chief Operating Officer] COO --> UH[Unit Head] UH --> EMC[Environment Management Cell] EMC --> DSH[Department / Section Head] COO --> CTC[Central Technical Cell] UH --> CTC UH --> FH[Function Head] EMC --> FH DSH --> FH </pre>																																					



Structure of EMC																							
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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 fiber plant had been implemented. Annexure 3 attached as an evidence.																					
xv.	The company must undertake socioeconomic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc. for the 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. <ul style="list-style-type: none"> • Education, • Health, • Sustainable Livelihood, • Infrastructure Development & • Social empowerment CSR activity report along with the photographs of the beneficiaries for Apr-23 to Sep-23 is enclosed as Annexure 2																					
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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.																					

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.
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 news papers 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 news papers (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 15.11.2007 & “Prajavani” 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.
Conditions issued in the Amended EC vide letter No. MoEF Letter No. J-11011/371/2006-IA.II(I) amended on 30.12.2013.		
Sl.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:	
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.	Provided separate stream drain for the zinc bearing effluent and treated in Zinc clarifier provided at ETP.
ii	Treated effluent shall be passed through guard pond. Online continuous monitoring system viz. pH meter, TOC analyser 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’s are being connected to CPCB & KSPCB server . Also TOC analyzer installed.
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 provided for process effluent and storm water. Storm water drain is passing through the guard pond.
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	Acceptable
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.	Acceptable
Point Wise Reply on Expansion EC Dated 13-Aug.2019		
Sl.No.	EC Condition	Status
C. Specific Condition		
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 issued by Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Bengaluru. Vide Letter No. PCCF/WLD/CR-07/2018-19. Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Bengaluru has issued the revised wildlife conservation plan 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 has been obtained from KPCB under the Air (Prevention and control of pollution) Act, 1981 and the Water (Prevention and control of Pollution) Act, 1974. The Copy of Consent to operate is enclosed as ANNEXURE 8
iii.	The treated effluent of 72466 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.	Grasim Industries Ltd. are adhered to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) and the State Government under Environmental (Protection) Rules, 1986 and having sufficient treatment facilities with upgraded tertiary treatment facility. obtained permission from the concerned regulatory authority for discharging the treated waste water into Tungabhadra river with quantity 49840m 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.	Necessary authorization required under the Hazardous and other wastes (Management and Trans – Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained The Copy of Consent to operate is enclosed as ANNEXURE 9





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.	To control source and the fugitive emissions suitable pollution control devices are being/will be installed to meet the prescribed norms and/or the NAAQS. Pollution Control/ Mitigation measures adopted are given below. The gaseous emissions are being/ will be dispersed through stack of adequate height as per CPCB/SPCB guidelines	
Emissions		Plant Unit	Pollution Control/ Mitigation measures adopted
Stack Emission			
Recovery Boiler		HPF	Electrostatic Precipitator with chimney hgt 85 Mtrs
Lime Kiln		HPF	Electrostatic Precipitator with chimney hgt 30 Mtrs
Spinning Stack		GRD	Cs2 Recovery System with chimney hgt 175 Mtrs
Sulphuric Acid Plant		GRD	Alkali Scrubber and Demister with chimney hgt 51 Mtrs
Carbon Di-Sulphide Plant		GRD	Klaus Kiln for Sulphur Recovery from CS2 plant and Alkali scrubber with chimney hgt 32 Mtrs
Power Plant Coal Fired Boiler		GRD	Electrostatic Precipitator with chimney hgt 110 Mtrs
Fugitive Emission			
		HPF & GRD	<ul style="list-style-type: none"> Motorised 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. 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.

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.	It is applicable to Excel Fibre plant, but we have not yet started the production of Excel fibre. Once we start the installation & operation of the activity then we would comply with the condition.
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 Total fresh water requirement shall not exceed 87,480 m ³ /day and will be met from Tungabhadra River. The copy of water permission is enclosed as Annexure 10
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.	Rainwater harvesting structures are being constructed to channelize the rainwater flow from rooftops, paved and cemented area within premises. The Facility available can collect & use rain water from about 4,08,000 m ² area. 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. Industry is not using ground water for plant operations. Photographs of the reservoirs are as follows;
	<p style="text-align: center;">Reservoir 1</p> 	<p style="text-align: center;">Reservoir 2</p> 

ix	The storm water from the premises shall be collected and discharged through a separate conveyance system.	The storm water from the premises is being collected and storm water drains is being/ will be taken to the storage ponds/recharge pits.																					
	<p style="text-align: center;">Storm water drain</p> 	<p style="text-align: center;">Storm water drain</p> 																					
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 details of Hazardous chemicals storage are given below. Flame arresters are provided tank farm and the solvent transfer through pumps																					
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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 and being sent Cardboard Industries and burnt in CFBS boiler along with Coal. ETP bio sludge is basically organic sludge having more than 75% organic content with Gross calorific value 2700 Kcal/Kg and being used in CFBC boiler as fuel along with Coal. Inorganic sludge 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 Company is strictly complying 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. 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 highpressure hoses for equipment clearing to reduce wastewater generation.	<p>a. Industry being upgraded with best available technologies periodically to achieve the desired quantity of products with minimum raw materials.</p> <p>b. Industry being followed and adopted 3R method (Reduce, Recycle, Reuse).</p> <p>c. Wagon Tippler system installed for unloading the coal and transferring directly into boiler, which will significantly reduce the spillage of coal as well as dust emission.</p> <p>d. Covered conveyor belts are/will be used for material transfer within the plant premises.</p> <p>e. Wood Chips are being fed to the Pulp Digester through Conveyor Belt.</p> <p>f. Use of Close Feed system into batch reactors.</p> <p>g. Venting equipment through vapour recovery system.</p>
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.	This point is incorporated with EC Dated 8. Nov.2007 Point vii in Specific Conditions.
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 Unit is Rs. 46.46 crore against 25.47 Crore (For the Investment Rs.108.25 Crore till date) as One-time investment for Environmental improvement Projects. The detail list of environmental project expenditure is enclosed as ANNEXURE-7.
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.	For the DG sets, emission limits and the stack height are / will be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure is being provided to 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	<p>Adequate arrangement for protection of possible fire hazards during manufacturing process in material handling is being made.</p> <ul style="list-style-type: none"> • Flame arrestors are provided at various places in the system. • Sufficient number of Fire Extinguishers DCP type and CO₂ type and Fire buckets are posted at many locations for fire control. Besides this, we have a Fire tender of adequate capacity with our Fire Fighting Department. • Fire Hydrant Points are also located around the plant. • Employees are regularly trained in firefighting. • Also mock drill being done periodically.

xxviii	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories Act.	<p>Healthy & Safe working environment for employees is the prime concern of the company. 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 & risks. Creating awareness about preventive health & safety measures. Six monthly compliance report is being/ will be submitted to concerned offices. 																
xix	Storage of Raw materials shall be either in silos or covered areas to prevent dust pollution and other fugitive emissions.	The storage details of the raw material is given below.																
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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.	Online monitoring program for the existing unit has been installed and same is connected to KSPCB & CPCB server, Photographic Demonstration given in EC Dated 8. Nov.2007 Point iii in General Conditions.																
xxi	The energy sources for lighting purposes shall preferably be LED based.	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, Annexure-4 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 use of GPS enabled vehicles. In addition to that, industry is taking maximum care for safety precautions while transporting raw materials and end products so that no major damage will be caused to environment.																
D. GENERAL CONDITIONS																		
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 adhered 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	Noted. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. Prior application will be submitted in the Ministry for clearance for any deviations or alterations in the project proposal.																

	shall be made to the Ministry to assess adequacy of the conditions imposed and to add additional environmental protection measures required, if any.	
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 atleast one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentration anticipated.	Grasim has already set up 3 ambient air quality monitoring stations in consultation with the KSPCB. CS ₂ and H ₂ S 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 results are enclosed as Annexure 1 .
	 <p style="text-align: center;">AAQM Station at ETP</p>	 <p style="text-align: center;">AAQM Station at Intake-well</p>
	 <p style="text-align: center;">AAQM Station at Guest House</p>	 <p style="text-align: center;">Continuous Display of Air Quality Data at Factory</p>
iv	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16 th November,2009 shall be complied with.	The NAAQS are being compiled with. Results of AAQ Monitoring are given in Condition no. 3 The ambient air quality results are enclosed as Annexure 1 .
v	The Overall Noise level in and around the plant area shall be kept well within the standards by providing noise control measure including acoustic hoods,silencers,enclosures etc. on all sources of noise generation .The ambient noise levels shall confirm 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's including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Equipment's are subjected to Nondestructive Testing. 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 Noise monitoring results are incorporated in point (X) General Condition EC Dated: 08.11.2007

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 are being constructed to channelize the rainwater flow from rooftops, paved and cemented area within premises. The Facility available can collect & use rain water from about 4,08,000 m ² area.																																			
vii	Training shall be imparted to all employees on safety and health aspects of chemical handling, Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all Employees on handling of chemicals shall be imparted.	Grasim industries provided training to all employees on safety and health aspects of chemical handling also Industry is carrying out general medical examination of all the employees and also special tests like lung function test, Spirometry test, hearing capacity test etc. for specific employees as per the requirements and Factories Act and records are being maintained. Specialists such as Cardiologist, Ophthalmologist, and Orthopaedic 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.																																			
Health check-up status of Employees (Harihar Polyfibers)																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl No.</th> <th style="width: 30%;">Department</th> <th style="width: 20%;">Test</th> <th style="width: 15%;">No. of Employees</th> <th style="width: 25%;">No. of Employees Covered</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Boiler House + Contractor</td> <td>Audiometry & PFT</td> <td>29</td> <td>29</td> </tr> <tr> <td>2.</td> <td>Chipper House + Contractor</td> <td>Audiometry & PFT</td> <td>47</td> <td>47</td> </tr> <tr> <td>3.</td> <td>Recovery + Contractor</td> <td>Audiometry & PFT</td> <td>54</td> <td>53</td> </tr> <tr> <td>4.</td> <td>Rec maint/Chipper Maint + Contractor</td> <td>Audiometry & PFT</td> <td>31</td> <td>30</td> </tr> <tr> <td>5.</td> <td>ETP (Biogas) + Contractor</td> <td>PFT</td> <td>4</td> <td>4</td> </tr> <tr> <td colspan="3" style="text-align: center;">Total</td> <td>165</td> <td>163</td> </tr> </tbody> </table>			Sl No.	Department	Test	No. of Employees	No. of Employees Covered	1.	Boiler House + Contractor	Audiometry & PFT	29	29	2.	Chipper House + Contractor	Audiometry & PFT	47	47	3.	Recovery + Contractor	Audiometry & PFT	54	53	4.	Rec maint/Chipper Maint + Contractor	Audiometry & PFT	31	30	5.	ETP (Biogas) + Contractor	PFT	4	4	Total			165	163
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Total			165	163																																	
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.	Complied																																			

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. <ul style="list-style-type: none"> • Education, • Health, • Sustainable Livelihood, • Infrastructure Development & • Social empowerment CSR activity report along with the photographs of the beneficiaries for April-23 to Sep- 2023 is enclosed as Annexure 2
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. Also external NABL Accredited Environment Laboratory equipped with us as AMC.
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.6.28 Crore for Pulp Plant ETP including color removal plant & Biogas plant expenses & air pollution control equipment operation for the Period Apr-23 to Sep-2023 and the detail expenditure list enclosed as ANNEXURE-5 . For Fiber Plant ETP operation air pollution control equipment operation spent Rs.4.31 Crore for the Period Apr-23 to Sep-2023 and detail expenditure list enclosed as ANNEXURE-6 .
xii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation ,Urban local body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Submitted letter to all the concerned and taken the Acknowledgement.
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.

xiv.	The Environmental statement for each financial year ending 31 st 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 31 st March in form-V to the concerned authorities.
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 with in 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.



Annexure I

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								
Apr-23	6.09	6.08	9	6	15	48.2	31.4	6.00
May-23	6.09	6.08	9	6	15	48.2	31.4	6.00
June-23	6.01	6.08	8	6	15	48.19	31.37	6.01
July-23	4.51	5.18	11.56	6.95	18.22	43.51	20.95	6.23
Aug-23	6.14	6.45	5.18	6.95	15	45.86	30.29	5.72
Sep-23	5.96	4.26	5.31	6.58	15.76	44.63	31.01	5.57
Location 2: Guest House								
Apr-23	5.54	5.47	8.68	5.65	14.34	38	28	7.99
May-23	5.32	4.63	8.18	9.85	18.02	37.98	26.63	5.32
June-23	5.35	4.73	8.37	7.66	11.59	38.01	27.27	5.35
July-23	5.36	4.63	6.73	9.53	16.20	38.01	28	5.36
Aug-23	5.56	4.92	8	10	18	38	28	5.56
Sep-23	5.39	4.70	8	10	18	38	28	5.36
Location 3: Intake Well								
Apr-23	5.10	6.08	8.58	6.0	15.00	48.15	31.36	6.00
May-23	4.26	5.20	11.08	6.48	17.09	45.00	22.00	5.98
June-23	4.26	5.23	11.03	6.58	17.14	44.01	21.89	5.97
July-23	6	6.08	8	6	15	48.19	31.37	6
Aug-23	4.41	5.43	11.04	6.58	17.15	45.01	20.28	5.66
Sep-23	4.27	5.31	11.44	6.56	17.15	38.65	25.44	5.92

**Stack Results
Harihar Polyfibers:**

Name of the Stack	Month	Flue gas flow (Nm ³ /Hr)		SPM (mg/Nm ³)	
		KSPCB limit	Achieved	KSPCB limit	Achieved
Recovery Boiler	Apr-23	Max. 1,06,000	48110.5	Max. 150	64.63
	May-23		46160		59.27
	June-23		45562		57.53
	July-23		44960.5		55.77
	Aug-23		44200		53.6
	Sep-23		43934.5		52.85
Lime Kiln Stack	Apr-23	Max. 18,000	11896	Max. 150	40.87
	May-23		11703		40.65
	June-23		11696		40.71
	July-23		11696.5		40.75
	Aug-23		11604		40.70
	Sep-23		11545		40.59

Grasilene Division:

Name of the Stack	Parameter	Unit	KSPCB limit	Apr-23	May-23	June-23	Jul-23	Aug-23	Sep-23
Spinning Stack	Rate of Emission	Nm ³ /Hr	375000	301596	2,96,000	301137	301127	301118	301100
	Particulate	mg/Nm ³	150	25.54	25.65	25.47	25.46	25.41	25.27
	CS ₂	Kg/Ton	95	90.95	90.45	91.35	91.39	91.83	92.16
Sulphuric Acid Plant	Rate of Emission	Nm ³ /Hr	16,400	14149	12,000	14131	14119	14133	14371
	SO ₂	Kg/Ton	1.0 Kg/T of 100% Acid	0.52	0.51	0.52	0.52	0.52	0.52
	H ₂ SO ₄	mg/Nm ³	50	25.57	25.20	25.38	25.58	25.60	25.41
Carbon Disulphide plant	Rate of Emission	Nm ³ /Hr	7300	Nil	Nil	Nil	Nil	Nil	Nil
Power Plant Coal fired Boiler	Rate of Emission	Nm ³ /Hr	366,000	286415	2,10,232	284386	284225	284173	282890
	SPM	mg/Nm ³	150	44.1	43.2	44	45.3	45.95	46.3

Annexure 2

GRASIM INDUSTRIES LIMITED - HARIHAR

Grasim Jana Seva Trust - Kumarapatnam

CSR Report

(April-2023 to September-2023)

Grasim Industries Limited Harihar has been working with 10 villages of Ranebennur Taluk, Haveri District, for the development of village communities. The community development projects are implemented under five focus areas like Education, Health, Sustainability Livelihood, Infrastructure Development and Social Projects.

1. Education Projects

Support to cultural events: To promote the co-curricular activities like sports, cultural event etc. programmes like Pratibha Karanji, Sports events organized by Education Departments are supported. The cultural events like Pratibha Karanji, Cluster, and District level school sports conducted by Education department was supported in two clusters. Total 250 students from 12 schools participated and exceeded their talents in cultural activities. The cluster level sports event was supported in 2 clusters total 500 students participated and shown their mastery over different sports event.



Cupboards: Distributed the 01 no's Cupboards (Almira) One Govt. Anganawadi at Nadhiharalahali village for Keeping the children records and documents and files. Before there is no Cupboards (Almira) in Anganawadi.

Company run school: Company's runs Sirigannada School under CSR initiatives at Kavalettu village for the public. Total 528 Children belongs to poor economic background are pursuing their education from first to 10th standard. The school gives quality education with very good teaching faculties and education infrastructure. Over the year, school has achieved 100% result in their SSLC board examinations.

Infrastructure Development Projects: The Grasim Social Service Society running one Ananda Balawadi at Kavalettu village. In Ananda Balawadi we have constructed compound wall and Laid new floor tiles for create better environment for learning.



2. Health Projects:

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 Govt Health Department.

Rural General Health camp: General health checkup 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 6463 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 6939 people covered in the survey.



Support to Immunization to children: Support to the immunization program for children at the Primary Health Centers to prevent the mortality rate among the children from the communicable diseases and anemia.

Total 1191 children are immunized in the Villages.



Support to awareness and screening program: TB and HIV awareness programs and screening was done in the villages through Govt Hospital and Sub center by District Health Department.

Total 613 people got benefited.



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 Nalwagal and Kodyal Hospet village and the Drinking water at Nadhiharalahali and Airani village were supplied through the bore well and overhead tanks; Around 15000 people were benefited in these four villages.

Reproductive Child and Mother

Health care: District has highest infant and mother mortality rate in the state due to early marriage; anemia 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 Checkup camp, promotion of nutrition



supplement etc. we are supporting to health checkup for children at Anganawadies, schools and specially abled people. Around 600 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 Centers. Total 1547 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 centers.

3. Sustainable Livelihood:

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

Seed Improvement Project - Maize seed distributed to 47 Farmers in Nalavagala, Kavalettu, Makanur, Nadiharalahalli, Hulikatte, Vaderayanahalli and Hirebidari to support the Agricultural activities. We have received good feedback on the seeds distributed and good yield.



Veterinary Camp: As a part sustainability Livelihood we had organized Veterinary Camp in the CSR villages of Nadhiharalahali, Airani, Hirebidari and Jaalimaradi. In the Veterinary Camp totally Livestock 903 was treated and tested and has benefited 385 farmers and people in the villages. Also, supported Veterinary Department in the Villages in vaccination of animals.



Farm Forestry Project: The farm forestry initiative will help to improve the environment and benefit the farmers in the CSR villages. We have distributed saplings of Coconut, Black Pepper, Nutmeg, Lemon, Mahogany, Teak and Curry Tree wood to grow in the farms, which will benefit them after some years. The Farm forestry project has benefited 131 farmers and we have distributed 11725 saplings.



4. Social Projects:

Supported to Mass Marriage: Every year the Mass Marriage programs were held in near villages of Kavalettu, Airani and Khanderayanahalli villages. This Mass Marriage programs organized at various places like, Mat and Temple committee and other Community Groups for financially weak families. We are supported this program in the form of donation and 04 couple were benefited from BPL families enter in to wedlock.



Annexure-3

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 0.32 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 90.18 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="margin: 10px auto;"> <thead> <tr> <th style="background-color: #92d050;">Parameter of Treated Wastewater</th> <th style="background-color: #92d050;">Unit</th> <th style="background-color: #92d050;">KSPC B target</th> <th style="background-color: #92d050;">Before Tertiary Treatment</th> <th style="background-color: #92d050;">After Tertiary Treatment</th> <th style="background-color: #92d050;">% 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	KSPC B 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	KSPC B target	Before Tertiary Treatment	After Tertiary Treatment	% of Reduction																											
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TSS	ppm	100	85	35	59																											



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 Kumarapattam, Taluka Ranebennuru, District Haveri (Karnataka) by M/s Grasim Industries Ltd regarding Environmental Clearance # F.No. IA-J-11011/371/2008-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 14.08.2019 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 from Standing Committee of the National Board of Wildlife is not applicable in our case.

Received
Dr. U. Sridharan
24/10/2019
Ministry of Environment, Forest & Climate Change
Regional Office, Southern Zone
Kendriya Bhavan, 4th Floor, Koramangala
Bangalore - 560 034



Birla Cellulose
Fibres from Nature

Grasim Industries Limited

Unit: Harhar Polyfibres & Grasslene Division
Kumarapattam 58123, Dist. Haveri, Karnataka.

+91 8373 242171 To 75 / +91 892 247550 To 54 / E: +91 8373 242875 / +91 892 247555
grasim.com | E: grasimharhar@adityabirla.com | CIN : L17124NP1947PLC000400

Regd. Office : P.O. Bilagam, Nagda 486 338 (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.

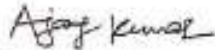
Industry's view & plea : Wood is the major raw material consumed in Pulping process, which comes mainly from unorganized market. Hence, it is practically highly difficult to ensure use of GPS enabled vehicles. However, industry will put maximum efforts to take care of all types of safety precautions 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

ANNEXURE- 5

HPF ETP Operation Cost

S. No	Particulars	Unit cost (INR/Kg)	UoM	Daily consumption	Total cost (INR)/day
1	Chemicals				
a	Hydrated Lime	8.5	Kg	150	1275
b	Urea	39	Kg	50	1950
c	DAP	92	Kg	50	4600
d	Liquid PAC	15	Kg	6000	90000
e	Defoamer	173	Kg	10	1730
f	Flocculant	228	Kg	50	11400
g	Cow dung	5	Kg	270	1350
2	Power Requirement				
a	Electricity	7	No's	12500	87500
3	Service & Repair				
a	Capex		Rs.	10958	10958
4	Sludge handling		Rs.	2950	2950
5	Biogas operation		Rs.	100293	100293
4	Salary & Wages				
a	Staff and workmen salary		Rs.	12,126	12126
b	Contract workmen for ETP		Rs.	4616	4616
5	AMC charges for online stack & AAQMS maintenance		Rs.	-	3561.6
6	Electricity consumption for ESP installed at Recovery Boiler & Lime kiln	7	Rs.	1403.60	9825.25
	Total ETP treatment cost per day				344134.85

ANNEXURE- 6**Grasilene Division ETP Operation Cost**

Sl. No.	Particulars	Unit cost (INR/Kg)	Daily consumption	Total Cost in Rs.
1	Chemicals			
a	Hydrated Lime	8.50	7000	59500
b	Urea	55	200	11000
c	DAP	113	200	22600
d	Deformer	126	15	1260
e	Zetag-4120	228	12	2736
f	PAC (Powder)	25	300	7500
g	Cation poly 419	8	390	3120
				10,7716
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)		2700	2700
b	Lime preparation		2300	2300
c	Other cleanings like sump zone clarifier flash mixer (Yearly 80,000/)		220	220
d	Maintenance workmen		2000	2000
e	Staff and workmen salary		11500	26775
f	Contract workmen for ETP		1200	1200
5	AMC charges for online stack & AAQMS maintenance			3561.6
6	Electricity consumption for ESP installed at Power Plant	7	996	6972
TOTAL				236494



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

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-
560001**

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

Tele : 080-25589112/3, 25581383
Fax:080-25586321 email id: ho@kspcb.gov.in
RED Industry Scale: LARGE

Industry Colour:

ANNEXURE 8

(This document contains 6 pages including annexure & excluding additional

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 conforming 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: Graslene 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 LA, 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	2240.000	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	15050.000	14450.000	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	1266.8300	TON
3	acetal fibre	0.0000	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,

Graslene 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)**

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-
560001**

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

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

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.



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

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-
560001**

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

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

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)**

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-
560001**

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

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

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.
- The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
- The applicant shall develop and maintain adequate green belt all around the periphery.



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

**Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-
560001**

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

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

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.

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.

Additional Conditions:



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

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

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	Facet	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 CFBCBoiler-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 plantStack	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.

- 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)	Karnataka State Pollution Control Board Parivara Bhavana, No.49, Church Street, Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax: 080-25586321 email id: ks@kspcb.gov.in
	Consent No. AW-327340 Valid upto: 30/06/2026	
Industry Colour: RED Industry Scale: LARGE		
(This document contains 5 pages including annexure & excluding additional conditions)		

Combined Consent Order No. AW-327340 **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 conforming 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 Polyfibres Ltd. ,(Unit Of Grasim Industries Ltd.)
 Address: 1,2,3/1,2/1,4,5/1,5/2,6/1,5/2,6/3,6/4,7/1A,7/18,7/2A/1, Kumarapatnam, Ranibenur-Tq, Haveri-Dist.
 Industrial Area: Kumarapatnam,
 Taluk: Davanagere, District: Davanagere

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WT(KLD)	WWTKLD	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	3200.000	3200.000	Process waste water is being treated in ETP.
4	Others	1610.000	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	Acrylic grade resin	1112.5000	TUN

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

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



**Government of Karnataka
(P.O. No. 100/2019)**

**Consent No. 100/2019
Water and Wastewater**

Industry Name: WED

Industry State: KARNATAKA

Karnataka State Pollution Control Board
Pachera Bhawan, No. 10, Church
Street, Bangalore 560001
Telp : 080-22091123, 2091183
Fax: 080-22091021
email id : kvspcb@kvspcb.gov.in

(This document contains 3 pages including annexure & including additional conditions)

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 stack/s/stacks/stacks where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rule 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 2450 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 treated over to CWT and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording device 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 written 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 stack/s where the flow measuring device 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 transacted 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 discharge 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 post 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 approach/maintain/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/once by in house monitoring laboratory or through EP approved laboratory 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 Discharge
of Pollutants**

**Consent No. 000000000000
Valid until 000000000000**

Industry Code: 0000

Industry Name: 000000

Karnataka State Pollution Control Board
 Post Box 000000, No. 00, 00th Floor
 Street, Bangalore 000000
 Tel: 000-0000000000, 00000000
 Fax: 000-0000000000
 Email: 00-0000000000@kspcb.gov.in

(This document contains 0 pages including annexes & including additional annexes)

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 the criteria laid down in the Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area: 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area: 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area: 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) 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 suitable for 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 characteristic of the human ear.
- * Leq - It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBORDER MOVEMENT) RULES, 2008.

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transborder Movement) Rules, 2008.

G. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board. Extension to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. 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.
6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chamber, outlet, flow measuring points should remain easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignees shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.



Industry Code: R012

Industry Size: LARGE



Karnataka State Pollution Control Board
Marina Shikara No. 16, Channarayana, Bangalore-560003
Tel : 080-23891111 to 2389 1103
Fax:080-23893021
Email: kspcb@kspcb.gov.in

(This document contains 11 pages including annexures & including additional conditions)

10. The applicant shall make an application for consent for subsequent period at least 30 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 State High 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 systems.

NOTE:

The Conditions III mentioned in the schedule are not applicable.

Additional Conditions:

1. The applicant shall comply with all the pollution control and conditions mentioned in paragraphs I & A attached herewith. The consent shall contain a proper system of monitoring.

Sl. No.	Process attached to	Capacity (Kt & Rating)	Minimum chimney height to be provided above ground level (m. Min)	Conditions to be controlled in the emission	Effluent limits mg/100L	PH	Air pollution Control equipment to be installed in addition to chimney height as per rule(s)	Time of which air pollution control equipments shall be provided to achieve the stipulated effluent limits and chimney height conforming to stipulated height.
1	Hot Air Generator	NA2 (NA2) (NA2)	60	PM10, PM2.5, SO2, NOx, CO, H2S, NH3, HF, HCl, PPM, PCB, PPH	0.2.0	6.0-9.0	N/A	Before commencing.
2	Hot Air Generator	Large NA2 (NA2) (NA2) (NA2)	60	PM10, PM2.5, SO2, NOx, CO, H2S, NH3, HF, HCl, PPM, PCB, PPH	0.2.0	6.0-9.0	ESP	Before commencing.
3	Hot Air Generator	Hot NA2 (NA2) (NA2) (NA2)	60	PM10, PM2.5, SO2, NOx, CO, H2S, NH3, HF, HCl, PPM, PCB, PPH	0.2.0	6.0-9.0	ESP	Before commencing.

Note:
N/A - Not Applicable
ESP - E.S.P
E.S.P - E.S.P



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

**Consent No. AW-327348
Valid upto: 30/06/2028**

Industry Colour: RED Industry Scale: LARGE

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

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

Note:

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

LOCATION OF SAMPLING PORTHOLE, 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



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)

Please visit the e-stamp website: <http://e-stamp.karnataka.gov.in>

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

ಕರ್ನಾಟಕ ರಾಜ್ಯದ ರಾಜ್ಯಪಾಲರ (ಇದರಲ್ಲಿ ಈ ಹಿಂದೆ ಮತ್ತು ಇದರಲ್ಲಿ ಇನ್ನು ಮುಂದೆ ಸರ್ಕಾರ ಎಂದು ಉಲ್ಲೇಖಿಸುವುದು.) ಪರವಾಗಿ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್ ಕೆ.ಎ.ಸಿ.ವಿ, ಪಂ. 5 ಭದ್ರಾ ನಾಲಾ ವಿಭಾಗ, ದಾವಣಗೆರೆ ರವರು ದಿನಾಂಕ: 13.06.2021 ನೇ ಇಸವಿ ನಡುವೆ ಮೆ|| ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ., (ಹರಿಹರ ಪಾಲಿಫೈಬರ್ಸ್) ಕುಮಾರಪಟ್ಟಣಂ, ರವರೊಂದಿಗೆ ಕಾರ್ಯನಿಗ ನಿರೀಕ್ಷಿಸುವ ಸಂಬಂಧವಾಗಿ ದಿನಾಂಕ: 01.07.2020 ರಿಂದ ಅನ್ವಯವಾಗುತ್ತಿರುವ ಕಡಾರು ಪರವಾನಗಿಯನ್ನು ಮರಳಿಸುವುದಾಗಿದೆ.



Subhas K. Sharma

SUBHAS K. SHARMA

1. The e-stamp is valid only if it is generated by the e-stamp system of the Government of Karnataka.
2. The e-stamp is valid only if it is generated by the e-stamp system of the Government of Karnataka.
3. The e-stamp is valid only if it is generated by the e-stamp system of the Government of Karnataka.

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

ಷರತುಗಳು

- ಯಾವ ಉದ್ದೇಶಕ್ಕಾಗಿ ನೀರನ್ನು ಉಪಯೋಗಿಸಲು ಸಂಸ್ಥೆ ಅನುಮತಿ ನೀಡಲಾಗಿಲ್ಲ, ಅಂಥ 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 ವಿನ್ಯಾಸಿತ ಸಾಮರ್ಥ್ಯದ ಪಂಪ್ ಮತ್ತು ಮೋಟಾರ್‌ಗಳನ್ನು ನದಿಯಿಂದ ನೀರೆತ್ತಲು ಅಳವಡಿಸಿಕೊಂಡಿರುವ ಬಗ್ಗೆ ಉಪವಿಭಾಗ ಮತ್ತು ವಿಭಾಗಾಧಿಕಾರಿಗಳಿಂದ ದೃಢೀಕರಣ ಪತ್ರಗಳನ್ನು ಪಡೆಯುವುದು.
- ಯಾವುದೇ ಕಾರಣದಿಂದ ಯಾವುದೇ ಸಮಯದಲ್ಲಿ ನದಿಯಲ್ಲಿ ನೀರು ಕಡಿ ಯಾದ ಕಂಪನಿ ಉಂಟಾಗಬಹುದಾದ ನಷ್ಟಕ್ಕೆ 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 ಕಡಲಿನಲ್ಲಿ ಬರುವ ಡಿಯುವ ನೀರಿನ ಲೆಕ್ಕಗಳ ಯಾವುದೇ ತೊಂದರೆಯಾಗದಂತೆ ಎಚ್ಚರ ವಹಿಸತಕ್ಕದ್ದು.
- ಯಾವುದೇ ಕಾರಣದಿಂದ ಸರ್ಕಾರ ಅಥವಾ ಅದರ ನಿರೀಚಿತ ಅಧಿಕಾರಿಗಳು ಕಂಪನಿ ನೀರನ್ನು ಉಪಯೋಗಿಸಲು ತಡೆಮಾಡಬಹುದು. ಇದಕ್ಕೆ ಸರ್ಕಾರ ಅಥವಾ ಅದರ ನಿರೀಚಿತ 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 ಷರತ್ತುನ್ನು ಒಪ್ಪಂದ ಪತ್ರದಲ್ಲಿ ಸೇರಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- ಅಳವಡಿಸಿರುವ ವಾಟರ್‌ಮೀಟರ್ ಮತ್ತು ಗೇಜನ್ನು ತಪಾಸಣೆ ಮಾಡಲು ಇಲಾಖೆಯು ಗೊತ್ತುಪಡಿಸಿದ ಯಾವುದೇ ಅಧಿಕಾರಿಗೆ ಅವಕಾಶವಿರಬೇಕು.
- ಪಂಪ್ ಸ್ಥಳದಲ್ಲಿ ಲಾಗ್‌ಬುಕ್ ಇಲ್ಲವೇ ಬುಕ್ ಆಫ್ 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 ನಿರೀಚಿತ 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 ಇಲ್ಲವೇ ಪರವಾನಗಿಯನ್ನು ರದ್ದುಗೊಳಿಸಲಾಗುವುದು.

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14. ಕಂಪನಿಯ ಉಪಯೋಗಿಸುವ ನೀರಿನ ದರವನ್ನು ಕಂಪನಿಯು draw ಮಾಡುವ gross water quantity ಮೇಲೆ (drawal point ಹತ್ತಿರ) ವಿಧಿಸಲಾಗುವುದು. ಈ ನೀರನ್ನು ರವಾನಿಸುವಾಗ ನೀರಿನ ನಷ್ಟದ (losses) ಬಗ್ಗೆ ಸರ್ಕಾರವಾಗಲಿ/ಯೋಜನಾಧಿಕಾರಿಯಾಗಲಿ ಜವಾಬ್ದಾರರಲ್ಲ.
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 ನದಿಯಂಥ ನೀರು ಪ ಯಲು ಳ ಗಳನ್ನು ಅಳವಡಿಸುವಾಗ ಮಾರ್ಗ ಮಧ್ಯದಲ್ಲಿ ವಿವಿಧ ಇಲಾ ಗಳಿ 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 ಮುನ್ನೂಚನೆ ಇಲ್ಲದೆ ಹಿಂದಕ್ಕೆ ಪಡೆಯಬಹುದು.
24. ಕಾಮಗಾರಿಗಳನ್ನು ನಿರ್ವಹಿಸುವಾಗ ಹಾಗೂ ಳ ಕಾರ್ಯ ರೂಪದಲ್ಲಿದ್ದಾಗ, ಯಾವುದೇ ವಿವಾದಗಳು ಉದ್ಭವಿಸಿದ , ಆ ವಿವಾದಗಳನ್ನು ಕಂಪನಿಯು ಇತ್ಯರ್ಥ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ಈ ಇತ್ಯರ್ಥದಲ್ಲಿ ಸರ್ಕಾರಕ್ಕೆ ವೆಚ್ಚವಾದರೆ ಅದನ್ನು ಕಂಪನಿಯು ಸರ್ಕಾರಕ್ಕೆ ಭರಿಸತಕ್ಕದ್ದು.
25. ಸಂಬಂಧಪಟ್ಟ ಇಲಾ ಗಳಾದ ಅರಣ್ಯ, ಪರಿಸರ ಮತ್ತು ಜೀವಶಾಸ್ತ್ರ ಮಾಲೀನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ ಹಾಗೂ ಇತ ಇಲಾಖೆಗಳಿಂದ ಎಲ್ಲಾ ಅಗತ್ಯ ನಿರೀಕ್ಷಣಾ/ಪರವಾನಗಿಯನ್ನು ಪಡೆದು ನಂತರವೇ ಪ್ರಸ್ತಾಪಿತ ಘಟಕವನ್ನು ಕಾರ್ಯರೂಪಕ್ಕೆ ತರಲು ಕಂಪನಿಯು ಕ್ರಮ ವಹಿಸತಕ್ಕದ್ದು.
26. ಅರಣ್ಯ, ಪರಿಸರ ವನ್ಯ ಜೀವಿಗಳ ಅಥವಾ ಇನ್ನಾವುದೇ 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 ಖಾಗೂ ಇತ ಇಲಾ ಗಳು ಕಾಲ ಕಾಲ ನಿಗದಿಪಡಿಸಬಹುದಾದ ಸೇವಾ ಶುಲ್ಕಗಳು ಮತ್ತು ಇತ ತರಗಣು||ತವವೇ ಆಯಾ ಇಲಾಖೆಗೆ ಕಂಪನಿ ಪಾವತಿಸತಕ್ಕದ್ದು.

SUBHAS K. SHARMA

SUBHAS K. SHARMA
VP (F&C)

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28. ಈ ಪರವಾನಗಿಯು 05 ವರ್ಷಗಳ ಅವಧಿಗೆ ಚಾಲ್ತಿಯಲ್ಲಿರುತ್ತದೆ. ತದನಂತರ ಅವಧಿಗೆ ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ನೀರಿನ ಲಭ್ಯತೆಯನುಸಾರ ಪರವಾನಗಿಯನ್ನು ನವೀಕರಿಸಲಾಗುವುದು.
29. ನೀರಿನ ಬಳಕೆಯ Royalty ಯನ್ನು ಸರ್ಕಾರವು ಕಂಪನಿಗೆ ಮುನ್ಸೂಚನೆ ಇಲ್ಲದೆ ಹೆಚ್ಚಿಸಬಹುದು.
30. ಒಬ್ಬ ಯ ಅನುಷ್ಠಾನದಿಂದ ಸ್ಥಳೀಯರಿ ಯಾವು ಂದ ಯಾಗುವುದಿಲ್ಲ ಎಂಬ ಅಂಶವನ್ನು ಖಚಿತಪಡಿಸಿ ಕ್ಕು ಂಕು.
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 ಮುನ್ಸೂಚನೆ ಇಲ್ಲದಂತೆ ಯಾವುದೇ ಸಮಯದಲ್ಲಿ ಹೆಚ್ಚಿಸಬಹುದು ಇದಕ್ಕೆ ಕಂಪನಿಯು ಯಾವುದೇ ತಕರಾರಿಲ್ಲದೆ ಪಾವತಿಸಬೇಕು.
32. ನೀರನ್ನು ಬಳಸಿಕೊಂಡ ಪ್ರಮಾಣವನ್ನು ಪ್ರತಿ ಮಾಹೆಯ 1ನೇ ತಾರೀಖೆ ಳಗೆ ವಿಭಾಗ ಕಛೇರಿಗೆ ವಿವರಗಳನ್ನು ಹಾಗೂ ಬಳಸಿಕೊಂಡ ನೀರಿನ ಪ್ರಮಾಣಕ್ಕೆ ಪ್ರತಿ ಮಾಹೆಯ 5ನೇ ತಾರೀಖಿನೊಳಗೆ ಹಣ ಪಾವತಿಸಿದ ಚಲನ್‌ಗಳನ್ನು ವಿಭಾಗ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸುವುದು.
33. ಸರ್ಕಾರದ ಜಮೀನಿನಲ್ಲಿರುವ ಯಾವು ಂ ವಸ್ತುಗಳನ್ನು ಕಂಪನಿಯ ಯಾವು ಂ ಲಸಗಳ ಉಪಯೋಗಿಸಿದಲ್ಲಿ ಇವುಗಳ Royalty ಅನ್ನು ಕಂಪನಿಯು ಸರ್ಕಾರವು ನಿಗದಿಪಡಿಸಿದ ರೀತಿಯಲ್ಲಿ ಸರ್ಕಾರಕ್ಕೆ ಯಾವುದೇ ತಕರಾರುಗಳಿಲ್ಲದೆ ಪಾವತಿಸತಕ್ಕದ್ದು.
34. ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಅಕ್ಕಪಕ್ಕದ ಮಾ ಂಕರಿಂದ ನಿರಾಂಕ್ಷಣಾ ಪತ್ರವನ್ನು ಪ ಯತಕ್ಕದ್ದು. ಮತ್ತು ಕಾಮಗಾರಿಯ ಸ್ಥಳದ ಬಳಿಯ ಹಳ್ಳದ ದಂಡೆಗಳಿಗೆ ಸೂಕ್ತ ರಕ್ಷಣಾ ಗೋಡೆಗಳನ್ನು ಕಂಪನಿಯು ತನ್ನ ವೆಚ್ಚದಲ್ಲಿ ನಿರ್ಮಿಸತಕ್ಕದ್ದು.
35. ಕಂಪನಿಯು ಂಲಿನ ಯಾವು ಂ ನಿಬಂಧ ಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಯಾವು ಂ ಮುನ್ಸೂಚ ನೀಡ ಂ 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 ಮುನ್ಸೂಚನೆ 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 ಕಂಪನಿಯ ಅನುಮತಿಯಿಲ್ಲದೆ ತೆಗೆದುಕೊಳ್ಳಬಹುದು. ಈ ರೀತಿಯ ಕೆಲಸಗಳನ್ನು ಕೈಗೆತ್ತಿಕೊಂಡಲ್ಲಿ ಕಂಪನಿಯ ಉತ್ಪಾದನೆಗೆ ಯಾವುದೇ ರೀತಿಯ ತೊಂದರೆಯಾದಲ್ಲಿ ಸರ್ಕಾರವು ಯಾವುದೇ ರೀತಿ ಜವಾಬ್ದಾರರಲ್ಲ. ಹಾಗೂ ಕಂಪನಿಯ ಯೋಜನೆಯಾಗಲಿ ಅಥವಾ ಕಂಪನಿಯ ಆಸ್ತಿ ಮುಳುಗಡೆಯಾದಲ್ಲಿ ಅಥವಾ ಇನ್ಯಾವುದೇ ತೊಂದರೆಯಾದಲ್ಲಿ, ಸರ್ಕಾರವು ಜವಾಬ್ದಾರರಲ್ಲ. ಅಥವಾ ಯಾವುದೇ ಪರಿಹಾರವನ್ನು ಸರ್ಕಾರವು ನೀಡುವುದಿಲ್ಲ. ಈ ಕೆಲಸ ಕಾರ್ಯಗಳನ್ನು ಸರ್ಕಾರವು ಕಂಪನಿಯ ಯೋಜನೆಯ ಮೇಲ್ವಿಚಾರಣೆಯಲ್ಲಿ ಅಥವಾ ಕೆಳಭಾಗದಲ್ಲಾಗಲಿ ಕೈಗೆತ್ತಿಕೊಳ್ಳಬಹುದು.
37. ಈ ಯೋಜನೆಯ weir ನಲ್ಲಿ ಶೇಖರಣೆ ಮಾಡುವ ಹಿನ್ನೀರಿನಿಂದ Communication problem ಅಂದರೆ Surface transport, electrical, electronics ಅಥವಾ ಇನ್ಯಾವುದೇ ರೀತಿಯ ಅಡಚಣೆಯಾದಲ್ಲಿ ಕಂಪನಿಯೇ ತನ್ನ ಖರ್ಚಿನಲ್ಲಿ New communication network ಅನ್ನು ಸರ್ಕಾರ ನಿಗದಿಪಡಿಸುವ ರೀತಿಯಲ್ಲಿ ಕಂಪನಿಯು ತಂಟೆ ತಕರಾರುಗಳಿಲ್ಲದೆ ಮಾಡಬೇಕು.
38. ಕಂಪನಿಯ ಯೋಜನಾ ವರದಿಯಲ್ಲಿರುವ ವಿನ್ಯಾಸಗಳನ್ನು ಹೊರತುಪಡಿಸಿದಲ್ಲಿ ಅಥವಾ ಮಾರ್ಪಾಡು ಮಾಡಿದಲ್ಲಿ, ಕಂಪನಿಯು ಸರ್ಕಾರಕ್ಕೆ ಅಥವಾ ಸರ್ಕಾರದಿಂದ ನೇಮಕವಾದ ಅಧಿಕಾರಿಗೆ ಮುನ್ಸೂಚನೆ ನೀಡುವುದು ಹಾಗೂ ಇಂಥ ಮಾರ್ಪಾಡುಗಳಿಗೆ ಸರ್ಕಾರದಿಂದ ಪರವಾನಿಗೆ ಪಡೆಯಬೇಕು. ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ಕಂಪನಿಯು ಹೊಸ Full agreement or Supplementary agreement ಗಳನ್ನು ಮಾಡಿಕೊಳ್ಳಬೇಕು.

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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 ಜಾಲನೆಗೊಳಿಸತಕ್ಕದ್ದು.
40. ಮೇಲಿನ ನಿಬಂಧನೆಗಳ , ಸ್ಥಳೀಯವಾಗಿ ಅಗತ್ಯವಿರುವ ಇತರ ಯಾವುದೇ ನಿಬಂಧನೆಗಳನ್ನು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಸಂಬಂಧಪಟ್ಟ ಅಧಿಕಾರಿಯವರು ಸೂಚಿಸಿದಲ್ಲಿ, ಅವುಗಳನ್ನು ಅಳವಡಿಸಿ ಸೂಕ್ತ ನೂತನ ಕರಾರನ್ನು ಕಂಪನಿಯವರು ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಅಧಿಕಾರಿಗಳೊಂದಿಗೆ ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. (ಹಿಂದಿನ ನೀರಿನ ಹಂಚಿಕೆಯು ಸೇರಿದಂತೆ) ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವ ಮುನ್ನ ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆಯ ಸಂಬಂಧಪಟ್ಟ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್‌ರವರೊಂದಿಗೆ ಮೇಲಿನ ಎಲ್ಲಾ ನಿಬಂಧನೆಗಳನ್ನು ಒಳಪಡಿಸಿ ಸೂಕ್ತ ಕರಾರನ್ನು ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಮತ್ತು ಅವರ ನಿರ್ದೇಶನದ ಅನುಸಾರ ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸತಕ್ಕದ್ದು.
- ಎ) ಕರ್ನಾಟಕ ಮಾಲೀನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯಿಂದ ನಿರ್ಮಾಪಣಾ ಪತ್ರವನ್ನು ಅವಧಿ ಮೀರುವ ಮುನ್ನ ಕಾಲಕಾಲ ಪಡೆದು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- ಬಿ) ಭದ್ರತಾ ಠೇವಣಿ ರೂಪದಲ್ಲಿ ರೂ. 3,00,000-00 ಗಳನ್ನು ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್, ಕ.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 ಹರಿಯುವಿಕೆಯ ಲಭ್ಯತೆಯ ಆಧಾರದ ಮೇಲೆ ಕುಡಿಯುವ ನೀರಿಗಾಗಲೀ ಅಥವಾ ನೀರಾವರಿಗಾಗಲೀ ತೊಂದರೆಯಾಗದಂತೆ ನದಿಯ ನೀರಿನ ಹರಿಯುವಿಕೆಗೆ ಯಾವುದೇ ತಡೆಯೊಡ್ಡದೆ, ನದಿಯ ಪಕ್ಕವನ್ನು ಬದಲಾಯಿಸದೇ ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕೆ ನೀರನ್ನೆತ್ತಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- 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 ಜಾರಿಗೊಳಿಸುವುದೇ ಸಾಲಿಸತಕ್ಕದ್ದು. ಒಂದು ವೇಳೆ ಯಾವುದೇ ನಿಯಮವನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಸದರಿ ಕರಾರು ತುರ್ತುಪಾಲನೆ ರದ್ದಾಗುವುದು.

For GRASIM INDUSTRIES LTD
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Subhas K. Sharma

SUBHAS K. SHARMA
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು,
ಮೆ. ಗ್ರಾಸಿಂ ಇಂಡಸ್ಟ್ರೀಸ್ ಲಿ.,
(ಹರಿಹರ ಪಾಲಿಫೈಬರ್)
ದಾವಣಗೆರೆ.

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್,
ಕ.ನೀ.ನಿ.ನಿ, ನಂ. 5 ಭದ್ರಾ ನಾಲಾ ವಿಭಾಗ,
ದಾವಣಗೆರೆ.

ಸಾಕ್ಷಿದಾರರು

Chibber Sum

(Chibber Sum)