

**GRASIM INDUSTRIES LIMITED : KUMARAPATNAM
GRASILENE DIVISION**

**COMPLIANCE TO ENVIRONMENTAL CLEARANCE
FOR THE PERIOD FROM APR'17 TO SEP'17**

Reference : MoEF Letter No. J-11011/371/2006-IA.II(I) dated 08/11/2007

PART - I

1	Project Type	Industry	
2	Name of the Project	Expansion of Viscose Staple Fibre (51,100 TPA to 87,600 TPA) & Captive Power Plant (10 MW to 20 MW) at Kumarapatnam, Ranebennur, Haveri, Karnataka by M/s Grasim Industries Ltd.	
3	Clearance letter No. & date	MoEF Letter No. J-11011/371/2006-IA.II(I) dated 08/11/2007	
4	Location : District & State / UT	Haveri District, Karnataka Sate	
5	Address for Correspondence	Grasim Industries Limited : Kumarapatnam Grasilene Division Kumarapatnam - 581123 Ranebennur, Haveri, Karnataka	
6	Financial Details:		
a	Project cost as originally planned & subsequent revised estimates & the years of price reference	Cost Originally Planned: INR 276.0 Crores. The project was put on hold due to global meltdown & economic crisis. The project was taken up in 2011 at INR 449 Crores.	
b	Allocations made for environmental management plans, with item-wise breakup	Improvement Projects	Investment (Rs. in Crores)
		Multistage flash evaporators for recovering sodium sulphate from lean stream to meet the TDS limit in mixed treated effluent	64.60
		CFBC Boilers as against AFBC boilers to reduce coal consumption	67.00
		New 200 TPD sulphuric acid plant ipo 1 new & 1 old 100 TPD acid plant to reduce SO2 emission	20.00
		Upgradation of ETP i.e. primary clarifier, pump house, diffused aeration system, sludge dewatering system, etc.	4.30
		Total Investment	155.90
c	Total expenditure on the project	Rs. 449.00 Crores	
d	Actual expenditure incurred on the environmental management plans so far	Rs. 155.90 Crores	
7	Status of construction		
a	Date of commencement	May 2011	
b	Date of completion (actual &/or planned)	Trial commenced from October 2012	

The domestic effluent generated in plant premises is treated along with trade effluent in ETP as permitted by KSPCB.

PART – II

Subject : Expansion of Viscose Staple Fibre (51,100 TPA to 87,600 TPA) & Captive Power Plant (10 MW to 20 MW) at Kumarapatnam, Ranebennur, Haveri, Karnataka by M/s Grasim Industries Ltd.

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A) Specific Conditions:

SN	Conditions	Compliance
i	Pollution control equipments for control of SO ₂ , CS ₂ etc shall be provided	Complied
ii	Technology employed shall achieve standards notified by MoEF. Control & monitoring of CS ₂ & H ₂ S shall be made	Complied
iii	AAQ for CS ₂ & H ₂ S shall be monitored at 3 locations	Complied
iv	Total water shall not exceed 18, 670 m ³ /d	Complied
v	Fly ash utilization shall be as per its 2003 notification	Complied
vi	Solid waste disposal	Complied
Vii	Green belt shall be developed on 14 ha area	Complied
viii	Environmental safeguards recommended in EIA/EMP shall be implemented	Complied

B) General Conditions:

SN	Conditions	Compliance
i	Must strictly adhere to KSPCB & State Govt. conditions	Complied
ii	No further expansion/modernization without prior approval of MoEF	Complied
iii	Gaseous emission shall conform to the standards stipulated	Complied
iv	AAQ shall be monitored at 3 locations & data on AAQ & stack emissions shall be submitted to MoEF & its RO once in six months	Complied
v	Fugitive emissions shall be controlled & monitored regularly	Complied
vi	Adequate number of effluent quality monitoring stations shall be set up & monitored	Complied
Vii	Industrial wastewater shall be treated as per GSR 422(E) standards	Complied
viii	Compliance of the provisions of Hazardous Chemical Rules	Complied
ix	Compliance of the provisions of Hazardous Waste Management Rules	Complied
x	Noise control & monitoring shall be carried out	Complied
xi	Rain water harvesting shall be carried out	Complied
xii	Occupational health surveillance shall be carried out	Complied
xiii	Environmental Cell with laboratory facility shall be setup	Complied
xiv	CREP recommendations shall be implemented	Complied
xv	Socio-economic & community development programs must be undertaken	Complied
xvi	Financial provisions to implement EMP measures shall be provided	Complied
xvii	Six monthly compliance report shall be submitted	Complied
xviii	Paper advertisement about EC shall be given	Complied
xix	Information on date of commencement of work & financial closure should be submitted	Complied
C	The Ministry may revoke or suspend the clearance	Conditions are complied with
D	The Ministry reserved the right to stipulate additional conditions	No additional conditions were stipulated
E	The above conditions will be enforced, inter-alia other provisions	Agreed to comply