

No.7/1/2015-TT
Government of India
Ministry of Textiles

Udyog Bhawan,
New Delhi, the July, 2015

22

To

1. The Textile Commissioner,
O/o Textile Commissioner,
New CGO Building,
48, New Marine Lines,
Mumbai
2. Shri P.Nayak,
Secretary,
Textile Committee,
Mumbai

Subject:- Draft Environmental Standards of Manmade Fibre Industry.

Madam/Sir,

I am directed to enclose herewith a copy of letter received from Scientist-D, Central Pollution Control Board, Ministry of Environment and Forest on the subject mentioned above. You are requested to send comments on Draft Environmental standards of Manmade Fibre Industry.

Encl: As above

Yours faithfully

R.K. Vashisht

(R.K.Vashisht)

Under Secretary to the Govt. of India

128-J(CT)
31/07/15
243-ITC
30/7/15
To C
~~SECRET~~
J.T.C.(T)
W
30/7
Pl circulate to D(SPV)/D(AH)/Dir (AP)
& all ROS to send
comments immediately.

For
31/7
DD(A)

WJ
31/7/15
to (SSM) Jy 31/7/15



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
 (पर्यावरण एवं वन मंत्रालय, भारत सरकार)
 (MINISTRY OF ENVIRONMENT & FORESTS, GOVT OF INDIA)

B-30055/1/07 (CS₂/H₂S)/PCI-I / 3439

July 02, 2015

To

The Secretary
 Ministry of Textiles
 Udyog Bhawan,
 Dr Maulana Azad Road,
 New Delhi, 110011

सचिव (पत्र) (Textiles)
 66553
 07/2/15

Subject: Comments on Draft Environmental standards of Manmade Fiber Industry-Reg

Sir,

The Central Pollution Control Board (CPCB) has revised an environmental standards for manmade fiber Industry. The same was forwarded to Ministry of Environment, Forest and climate change (MoEFCC) for notification. Now MoEFCC seek comments from concerned Ministry before notification.

In view of above, the undersigned is directed to enclose a copy of the draft Environmental standards of manmade fiber sector and to request that the comments on the proposed standards may be furnished latest by 31.07.2015. Important

Encl: As above

Yours faithfully

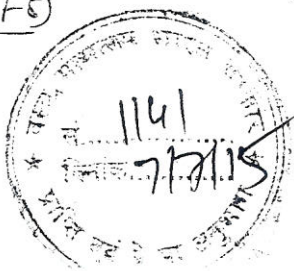
(Dinabandhu Gouda)
 Scientist-D
 011-43102420
Dinabandhu.cpcb@nic.in

Copy to
 PS to MS for information Please

Subject matter

doesn't pertain to TUFS

US (TUFS)



Sharma
 10/07

(Dinabandhu Gouda)

[To be published in the Gazette of India, Extraordinary, part II, Section 3, Sub-section (i)]

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, -----May, 2015

G.S.R. (E).- In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:-

1. (1) These rules may be called the Environment (Protection) (----- Amendment) Rules, 2015.
- (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,
 - (i) in Schedule I, for serial number 2 and entries relating thereto, the following serial number and entries shall be substituted, namely:-

S. No.	Industry	Parameter	Standards		
(1)	(2)	(3)	(4)		
2.	Man-made Fibre	A. Effluent Standards			
			Concentration not to exceed, (in mg/l except for pH and Sodium)		
			Inland Surface Water	Land for Irrigation	
		pH	6.0-8.5	6.0-8.5	
		Suspended Solids (SS)	100	100	
		Biochemical Oxygen Demand (BOD - 3 days at 27°C)	30	30	
		Zinc	1	1	
		Percentage of Sodium (Viscose Staple Fibre and Viscose Filament Yarn units)	60	60	
		Note: Limits for Total Dissolved Solids in treated effluent shall be prescribed by the concerned Pollution Control Board depending upon the recipient water body.			
		B. Emission Standards			
			Concentration not to exceed, (in mg/Nm ³)		
		Volatile Organic Compounds including Dimethyl Formamide and Acrylonitrile	50		
Note:					
a) The concentration of Carbon Disulphide (CS ₂) and Hydrogen Sulphide (H ₂ S) in work environment shall not exceed 10 ppm individually.					
b) The stack height shall be calculated $H = 11 Q^{0.41-3} V_s DU,$ where Q - Emission rate of Carbon Disulphide, kg/hr;					

		<p>Vs - Stack exit velocity, m/sec; D - diameter of stack, m; U - Annual average wind speed at top of stack, m/sec.</p> <p>c) A minimum of 80% of total emission shall pass through stacks. If the calculated stack height is less than 30 metres, a minimum of height 30 metres shall be provided. In case there are more than one stack existing in the plant, following conditions may be met:</p> <p>i. The required height of all stacks shall be based on the maximum emission rate in any of the stacks i.e. the stacks emitting CS₂ emission shall be of same heights (based on the maximum emission rate).</p> <p>ii. Number of stacks shall not be increased as existing on 31.12.1998. However, the number of stacks may be reduced by the industry.</p> <p>iii. The distance between two nearest stacks should be at least 3 times of height of taller stack, in metres. If distance between two stacks is less, emission being emitted through such two stacks shall be considered as a single point source and height of the stacks shall be calculated considering emissions are being emitted through one stack.</p> <p>d) The industry shall install three air quality monitoring stations on the periphery (within boundary limits) of plant so as to monitor concentration of CS₂ and H₂S in ambient air. The location of these stations shall be decided in consultation with concerned State Pollution Control Board. In case levels of CS₂ and H₂S (24 hours daily average) shall not exceed 100 ug/m³ and 150 ug/m³ respectively.</p>
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- (ii) in Schedule I, Serial number 60 relating to Man-made Fibre Industry (Semi – Synthetic) and the entries relating thereto shall be omitted.
- (iii) in Schedule I, Serial number 62 relating to Viscose Filament Yarn and the entries relating thereto shall be omitted.
- (iv) In Schedule I, serial number 87 relating to Emission regulations for Rayon Industry and the entries relating thereto shall be omitted.
- (v) in Schedule VI – General Standards for Discharge of Environmental Pollutants–: Part B Wastewater Generation Standards at Sl. No. 6 relating to Man-made fibre and entries relating thereto, the following entries shall be substituted, namely:-

S. No.	Industry	Quantum
"6	a. Viscose Staple Fibre (VSF) Plant	75 m ³ /tonne of fibre
	b. Viscose Filament Yarn (VFY) Plant	150 m ³ /tonne of fibre
	c. Nylon Polyester and Acrylic	10 m ³ /tonne of fibre .".

(vi) in Schedule VI – General Standards for Discharge of Environmental Standards: Part D.III. Load/ Mass based Standards, after serial number 10 relating to 'Cement Plant without co-processing' and entries relating thereto, the following serial number and entries shall be inserted, namely:-

S. No.	Industry	Parameter	Standards
"11	Manmade Fibre	C. Emission Standards	
	a) Viscose Staple Fibre (VSF) Plant	Carbon Disulphide	95 kg/ tonne of VSF
		Hydrogen Sulphide	30 kg/ tonne of VSF
	b) Viscose Filament Yarn (VFY) Plant	Carbon Disulphide	200 kg/ tonne of VFY
		Hydrogen Sulphide	20 kg/ tonne of VFY
	c) Rayon, Polyester and Nylon fabric dipping Plant	Ammonia	0.3 kg /tonne of dipped fabric "

[F.NO. Q-15017/40/2011-CPW]

(Dr. Rashid Hasan)
Advisor

Note: - The principal rules were published in the Gazette of India vide number S.O. 844 (E), 19th November, 1986 and subsequently amended vide notifications numbers S.O. 433 (E), dated 18th April 1987; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March , 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014, G.S.R. 789(E), dated 11th November 2014, and -----