

G.S.R. 1095(E).—ENVIRONMENT (PROTECTION) AMENDMENT RULES, 2018 WERE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, AS

gqo-33004/99 REGD. NO. D. 1=33004/99 Che Gazette of -3India -€. 798] No. 798] EXTRAORDINARY PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY 9, 18, 1940 NEW DELHI, FRIDAY, NOVEMBER 9, 2018/KARTIKA 18, 1940 qqf«ur, «rsrfi. (&Z+JT) 1986 5 (3) dTH?T: (&Z+JT) 2018, qTÄT.Ä. 35(4), 17 2018, äTYT 17 GFT#r, 2018 vfi; fa-u-T 3fr, (&Z+JT) 1986 5 (3) (&Z+JT) 1986 (1986 29) 6 25 gry•r (&Z+JT) 1986 t, 2. (i) 6584 GI/2018 (1) f*--q-qä qi-q-q•r 2018 (#41JT) 1986, quT,- 2 mfrt.•- 2 "2. THE GAZETTE OF INDIA : EXTRAORDINARY 3 6.0-8.5 100 [PARTII SEC. 3(i)] 2 pH 4 (pH *r mgn ft-qig (BOD- 30 270 C fä--d) 5 -fir y-rfi 60% Ai-fiÄ- (CS2) (H2S) 10 ppm (74) H=11 Q041-3VsDU, Q-*Tü kg/hr t; vfi, m/fi m Afi;g (q) 31 1998 80% -ft 30 fir. 30 RAT -a -it GTITFTT :- cs2 6.0-8.5 100 100 5 @vr./Nm3) 50 6.0-8.5 100 100 15 (iii) (iv) 3. (i) "6 3(i)] 60, 62 87 GTI-r#fr, 3 31 1998 -•c:fi-æ-\$t q-f?-fä -fir (24 100 pg/m3 150 pg/m3 HFTG', 6 (q) - (i) frtr (âz) (ii) Ill 3idfäfa?T fir : 75 150 10 25 10 95 30 200 fraxr./Yfi+T 30 0.3 : 11, 3, (i) 844(4), 19 1986 28 2018 qTM.Ä. 593(4) 4 THE GAZETTE OF INDIA : EXTRAORDINARY MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION New Delhi, the 9th November, 2018 [PART 11 SEC. 3(i)] G.S.R. 1095(E).—Whereas, certain draft rules, namely the Environment (Protection) Amendment Rules, 2018 were published in the Gazette of India, Extraordinary, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, vide notification of the Government of India in the Ministry of Environment, Forest and Climate Change vide number G.S.R. 35(E), dated the 17th January, 2018, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from the dated on which copies of the Gazette containing the said notification were made available to the public; And Whereas, copies of the Gazette containing the aforesaid notification were made available to the public on the 17 fr January, 2018; And Whereas, objections and suggestions received from all persons and stakeholders in response to the aforesaid notification have been duly considered by the Central Government; Now, therefore, in exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely.- 2. Short title and commencement. (1) These rules may be called the Environment (Protection) Fifth Amendment Rules, 2018. (2) They shall come into force on the date of their publication in the Official Gazette. In the Environment (Protection) Rules, 1986, therein after referred to as the sad rules, in Schedule-I,- for serial number 2 and the entries relating thereto, the following serial number and entries shall be substituted, namely:- S. No. (1) '2. Indus (2) Man-Made Fibre Parameter (3) Standards (4) Environmental Standards for Man-Made Fibre Industry A. Effluent Standards Concentration not to exceed, (in mg/l except for pH and recovery of Sodium Sul hate Inland Surface Water 6.0-8.5 100 30 Land for Irrigation 6.0-8.5 100 100 Sus nded Solids (SS) Biochemical Oxygen Demand (BOD - 3 days at 270C) Zinc Marine Discharge 6.0-8.5 100 100 15 Note: The recovery of Sodium Sulphate shall not be less than 60% in Viscose Staple Fibre and Viscose Filament Yarn units. B. Emission Standards Concentration not to exceed, Volatile Organic Compounds (in m m 50 including Dimethyl Formamide and Acrylonitrile (applicable for Acrylic fibre units onl) 3(i)] Note: (a) The concentration of 5 Carbon Disulphide (CS2) and Hydrogen Sulphide (H2S) in work environment shall not exceed IO ppm, individually. (b) The stack height shall be calculated 11 Q 041-3 VsDU, where Q - Emission rate of Carbon Disulphide, kg/hr; Vs - stack exit velocity, msec; D - diameter of stack, m; U - Annual average wind speed at top of stack, m/sec. (c) For new plants built after 31 st December, 1998, a minimum of 80% of total emission shall pass through stacks and if the calculated stack height is less than 30 metres, a minimum height of 30 metres shall be provided, and in case there are more than one stack existing in the plant, following conditions may be met :- (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); (ii) number of stacks shall not be increased as existing on 3 1St December, 1998, however, the number of stacks may be reduced by the industry; (iii) the distance between two nearest stacks should be at least three times of height of taller stack, in metres and 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; (iv) 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 and the location of these stations shall be decided in consultation with concerned State Pollution Control Board, however in any case levels of CS₂ and H₂S (24 hours daily average) shall not exceed 100 ug/m and 150ug/m³ respectively. (ii) serial numbers 60, 62 and 87 and the entries relating thereto shall be omitted

3. In the said rules, in Schedule VI, in Part B "Wastewater Generation Standards", for serial number 6 and the entries relating thereto, the following serial number and entries shall be substituted, namely:- "6 (a) (b) (c) (d) Industry Viscose Staple Fibre (VSF) Plant Viscose Filament Yarn (VFY) Plant Nylon Polyester Acrylic- (i) Wet Process (ii) Dry Process Quantum 75 m [tonne of fibre 150 m³/tonne of fibre IO m [tonne of fibre 25 m [tonne of fibre IO m³/tonne of fibre." , 6 (ii) in Part D.III. THE GAZETTE OF INDIA : EXTRAORDINARY [PARTII SEC. 3(i)] "Load/Mass based Standards", after serial number IOA relating to 'Cement Plant without co-processing' and the entries relating thereto, the following serial number and entries shall be inserted, namely:- Indust Manmade Fibre Viscose Staple Fibre (VSF) Plant Viscose Filament Yarn (VFY) Plant Rayon, Polyester and Nylon fabric (Dipping process Plant only) Parameter A. Emission Standards Standards (a) (b) (c) Carbon Disulphide Hydrogen Sulphide Carbon Disulphide Hydrogen Sulphide Ammonia 95 kg/ tonne of VSF 30 kg/ tonne of VSF 200 of VFY 30 kg/ tonne of VFY 0.3 kg [tonne of dipped Fabric." [F. No. Q-15017/40/2011-CPW] Dr. A. SENTHIL VEL, Scientist 'G' Note : The principal rules were published in the Gazette of India, Extraordinary, Part 11, Section 3, Sub-section (i) vide number S.O. 844(E), dated the 19th November, 1986 and last amended vide notification number G.S.R. 593(E), dated the 28th June, 2018. Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi- 1 10064 and Published by the Controller of Publications, Delhi- 110054. ALOK KUMAR Digitally signed by ALOK KUMAR Date: 2018.11.13 1 +05'30'