

G.S.R. 35(E).AMEND THE ENVIRONMENT (PROTECTION) RULES, 1986 WHICH THE CENTRAL GOVERNMENT PROPOSES TO ISSUE IN EXERCISE O

REGD. NO. D. L.-33004/99 Che Gazette of -3India 26] No. 26] EXTRAORDINARY 11—Üo-g 3—3-q-ÜC (i) PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY 17, 2018/lâq 27, 1939 NEW DELHI, WEDNESDAY, JANUARY 17, 2018/PAUSHA 27, 1939 a-tfr#r, 17 q-a-q+r, 2018 q*rsrfi. 1986 Tr R-q-*t, fi--d 3TfüfiA-q, 1986 (1986 29) 6 25 (1) 1986 5 (3) R-g, ÄTTT AT, Tl-q-qzr fiat, 3i-ficz t, q-rfr t, AT RAT 110003 AT Frær 'ft' mscb.cpcb@nic.in h.kharkwal@nic.in *q-rl 1 . (2018 # I 349 GI/2018 (1) 2 2. (1) THE GAZETTE OF INDIA : EXTRAORDINARY [PARTII SEC. 3(i)] 1986 2 - #ä-fh T-9-TT7 36.#. q-r#r, (2) pH (3) (BOD-270C 6.0-8.5 100 30 5 2100* (4) 6.0-8.5 100 100 5 2100* 6.0-8.5 100 100 15 TT:T1fi 60% (q) *Qh-fh 2100 NTr 1100 NTr. -ä 3100 Nq-r. -01 (ft-q-r./Nm3) 50 3-fr -aft-fit-qi 30)] 3 (qi) (CS2) 10 ppm 3Tfh ö1Tl H=ll Q "1-3 VsDU, Q - kg/hr t; Vs Tlfi, m/äfiz. (q) 31 1998 80% FT? 30 cfi-z? 30 q-rqa-FT (i) -q-Ét (ii) q-fi\$#€qr31 1998 -ä-€q-r GTTtFfr, -q-it -g-ær*T q-ra-r *q-r q-frâQfr CS2 H2S -ah-é q-p_T q-q-qqt CS2 H2S (24 4 (ii) 87 "6 THE GAZETTE OF INDIA : EXTRAORDINARY 100 ug/m3 150 ug/m3 q-rttfr, 75 m3 150 m3 10 m3 25 m3 10 m3 [PARTII SEC. 3(i)] (ii) 111 "q-roq-n-r q-rq\$' æi-ü' æi-ä-fh 1 OF) #ä-fh fifi. q-r@frr, 3p-Tft :- "11 3fr 95 30 200 30 ft-uT. ft-uT. ft-uT. 0.3 ham. fir. Ft. 15017/40/201 ft-q-q q-FT 11, 3, (i) TT.31T. 844(3T), 19 1986 q-rÄ7Tfi. 1607(3T), 29 2017 30)] MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION New Delhi, the 17th January, 2018 5 G.S.R. 35(E).—The following draft rules further to amend the Environment (Protection) Rules, 1986 which the Central Government proposes to issue in exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft rules shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette of India containing this notification are made available to the public. Any person interested in making any objections or suggestions with respect to the said draft rules may forward the same in writing, for consideration of the Central Government within the period specified above to the Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003, or send it to Member Secretary, Central Pollution Control Board and Scientist 'D' Ministry at the e-mail address i.e. mscb.cpcb@nic.in and h.kharkwal@nic.in. 1

2. DRAFT RULES Short title and commencement.—(1) These rules may be called the Environment (Protection) Amendment Rules, 2018. (2) They shall come into force on the date of their final publication in the Official Gazette. In the Environment (Protection) Rules, 1986 (hereinafter referred to as the said 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. "2. Indust (2) Man-made Fibre Parameter (3) A. Effluent Standards Standards (4) Concentration not to exceed, (in mg/l except for pH Suspended Solids (SS) Biochemical Oxygen Demand (BOD - 3 days at 27k) Zinc Total Dissolved Solids Note: and recovery of Sodium sul hate) Inland Surface Water 6 0-8.5 100 30 5 2100* Land for Irri ation 6 0-8.5 100 100 5 2100* Marine dischar e 6 0-8 5 100 100 15 (a) The recovery of Sodium Sulphate shall not be less than 60% in Viscose Staple Fibre and Viscose Filament Yarn units. (b) Standards for TDS shall not be applicable in case of marine disposal through proper marine outfall. (c) *The TDS value with respect to treated effluent shall be 2100 milligram per litre, however, in case where TDS in intake water is above 1100 milligram per litre, a maximum contribution up to 1000 milligram per litre shall be permitted provided the maximum value of 3100 milli ram r litre is not exceeded in the treated effluent. 6 THE GAZETTE OF INDIA : EXTRAORDINARY B. Emission Standards [PART 11 SEC. 3(i)] Concentration not to exceed, (in mg/Nm3) 50 Volatile Organic Compounds including Dimethyl Formamide and Acrylonitrile (applicable for Acrylic fibre units only) Note: (a) The concentration of Carbon Disulphide (CS2) and Hydrogen Sulphide (H2S) in work environment shall not exceed 10 ppm, individually. (b) The stack height shall be calculated $H = 11 Q^{0.41-3} VsDU$, where Q - Emission rate of Carbon Disulphide, kg/hr; Vs - stack exit velocity, m/sec; 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 31 st 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; in any case levels of CS₂ and H₂S (24 hours daily average) shall not exceed 100 ug/m and 150ug/m respectively"; (ii) serial numbers 60, 62 and 87 and the entries relating thereto shall be omitted

3. In Schedule VI to the said rules, - (i) 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:- 30] S.No. "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 7 Quantum 75 m [tonne of fibre 150 m3/tonne of fibre 10 m [tonne of fibre 25 m [tonne of fibre 10 m [tonne of fibre"; (ii) in Part D.III. "Load/ Mass based Standards", after serial number 10 (A) relating to 'Cement Plant without co-processing' and the entries relating thereto, the following serial number and entries shall be inserted, namely:- S. No

11. Note : Industry Manmade Fibre (a) Viscose Staple Fibre (VSF) Plant (b) Viscose Filament Yarn (VFY) Plant (c) Rayon, Polyester and Nylon fabric (Dipping process Plant only) Parameter
A.Emission Standards Standards Carbon Disulphide Hydrogen Sulphide Carbon Disulphide Hydrogen Sulphide Ammonia 95 kg/ tonne of V SF 30 kg/ tonne of VSF 200 kg/ tonne 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' 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 lastly amended vide notification G.S.R. 1607(E), dated the 29th December, 2017. Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054. ALOK KUMAR Digitally signed by ALOK KUMAR Date: 2018.01.19 +05 '30'