G.S.R. 1265(E).— ENVIRONMENT (PROTECTION) ACT, 1986 (29 OF 1986), THE CENTRAL GOVERNMENT HEREBY MAKES THE FOLLOWING RULE

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qü0-33004/99 REGD. NO. D. L.-33004/99 Che Gazette of -3Jndia 1044] No. 1044] EXTRAORDINARY PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY m;€r, 29, 2017 Arq 8, 1939 NEW DELHI, FRIDAY, DECEMBER 29, 2017/PAUSA 8, 1939 t?tr, 29 2017 q-afa-o•r 1986 (1986 29) 6 a-TTT 25 (*ZPT) 1986 1. (I) 2017 2. 1986 17 (2) "17. (3) (4) (i) / *razrr ($zrr *M), *razrq 7T@z azv(mg/l) 7487 GL'2017 2 THE GAZETTE OF INDIA : EXTRAORDINARY (3) [PART II—SEC. 3(i)] (2) pH (TKN) N (ii) pH 6.5 8.5 100 10 50 75 2.0 0.1 6.5 8.5 100 10 10 5.0 (4) 10 20 (iii) qr NP/NPK (N - pH (TKN) N (TKN) N 6.5 8.5 100 10 50 75 4.0 75 3 frcq•cr: (i) (ii) F) *rfi-zrr q-zt7 - (N02) 4.0 20 5.0 10 400 / Nm3 1982 1982 (ii) a-rez / NPK q•tz <10 mg/Nm3 NPK (iii) - / 125 / Nm3 150 / Nm3 50 / Nm3" 150 / Nm3 100 / Nm3 300 / Nm3 150 / Nm3 4 THE GAZETTE OF INDIA : EXTRAORDINARY [PART II—SEC. 3(i)] (iv) (N02) 3% 02 20 / Nm3 400 / Nm3 (ii) 'a-q-r (iii) 30 H=14 -fr Q F) 100 S02, NOx P205 / a, 30 t, (77) VI a-q-@rz 1 1 (2) (3) (4) (å-ra-r + 3.0 l" 5 : 11, 3, (i) Ft. 844(3T), 19 1986 *T.qr. 18 1987; 2 1996; 18 v;v$r, 2009; 4 2009; 22 2009; 9 2010; 4 2010; 15 2011; 18 CIT*, 2011; 2 qi, 2011; 1 2011; 13 2011; 16 CIT*, 2012; 30 2012; 31 2012; 9 2012; 18 2013; 7 SFTFT, 2013; 771(4), 11 2013; 2 2014; 28 2014; 31 2014; 7 qi, 2014; 25 SFTFT, 2014; 11 2014; *T.qr. 7 2015; *T.qr. 1 2016; 35(3T), 14 2016; 281 (4), 7 2016; 9 qi, 2016; 10 qi, 2016; 10 2016; 13 2017 MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION New Delhi, the 29th December, 2017 G.S.R. 1607(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 fiuther to amend the Environment (Protection) Rules, 1986, namely: Short title and commencement.- (1) These rules may be called the Environment (Protection) Second Amendment Rules, 2017. (2) They shall come into force on the date of their final publication in the Official Gazette. (a) In the Environment (Protection) Rules, 1986, in Schedule I, for serial number 17 and enfries relating thereto, the following serial number and entries shall be substituted, namely: 2. No. (1) "17. Industry (2) Fertilizer Industry Parameter (3) Standards (4) (i) A .- Effluent Standards Straight Nitrogenous Fertilizer Plant/Ammonia (Urea Plant), Calcium Ammonium Nitrate and Ammonium Nitrate Fertilizers Suspended Solids Oil and Grease Limiting concentration not to exceed in milligranvlitre (mg,'l), except for pH 6.5 to 8.5 100 10 6 No. (1) THE GAZETTE OF INDIA : EXTRAORDINARY In dustl (2) Parameter (3) Ammonical Nitrogen as N Total Kjeldhal Nitrogen (TKN) as N Free Ammonical Nitrogen as N CN concentration Nitmte Nitrogen as N ii Stra• ht Phos hatic Fertilizer Plant Suspended Solids Oil and Grease Fluoride Dissolved Phosphate as P Standards (4) 50 75 2.0 0.1 Urea Plant Other than Urea Plant 6.5 to 8.5 100 10 10 5.0 [PART II—SEC. 3(i)] 10 20 (iii) Complex Fertilizer Plant and / m Potassium Suspended Solids Oil and Grease Ammonical Nitrogen as N Total K • eldhal Nitro en Free Ammoniacal Nifrogen as N Total Kjeldhal Nitrogen (TKN) as N Free Ammoniacal Nitrogen as N Nitrate Nitrogen as N Dissolved Phosphate as P Fluoride as F • NP/NPK(N-Nitrogen, P-Phosphorus and K- 6.5 to 8.5 100 10 50 75 4.0 75 4.0 20 5.0 10 Note: (i) Chromium salt shall not be used in cooling tower as algaecide. (ii) The effluent shall be analysed for Vanadium and Arsenic once in a year and analysis report shall be submitted to the concemed State Pollution Confrol Board / Pollution Control Committee. B .- Emission Standards 1 Straight Nitrogenous (a) Ammonia Plant-Reformer Oxides of Nitrogen (as N02) (b) Urea Plant — Prilling Tower Particulate Matter 400 mg,'Nm Pre 1982 tmits Post 1982 units (ii) Ammonium Nitrate/ Calcium Ammonium Nitrate/NPK plant Particulate Matter Ammonium as NHB Total Fluoride as F - Acidulation SSP Plants Particulate Matter Total Fluoride as F - (iv) Nitric Acid Plant Oxides of Nitrogen (as N02) *Values to be reported at 3% 02 Existing Plant New Plant Existing Plant New Plant 150 mg/Nm 50 mgNm3 ** 150 mg/Nm 100 mg/ Nm 300 mg,'Nm 150 mgNm3 (onlyNPKP1ant) (iii) Phosphatic Fertilizer Plants —Phosphoric Acid Plants/ Rock grinding and 125 mg,'Nm 20 mgNm3 400 mg/Nm ** Total emission of 0.5 W' tonne of product. Note: (i) Fluoride norms shall be applicable only for NPK plant. (ii) Plant commissioned on or after the date of notification, shall be treated as 'New Plant'. [Q-TFTII uoz3(i)] 7 (iii) The height of the stack emitting Sulphur Dioxide, Oxides of Nitrogen or Oxides (iv) (iii) of Phosphorus or acid mist shall be a minimum of 30 metres or as per the fonnula H—14 (Q)03, whichever is more, where "H" is the height of stack in metres and "Q" is the maximum quantity of S02 NOx or P205 equivalent expected to be emitted in

kg/hr through the stack at 100 per cent rated capacity of the tail gas plant(s) and calculated as per the norms of gaseous emission. Tail Gas plants having more than one stream or unit of Sulphuric Acid, Nitric Acid or Phosphoric Acid at one location, the combined capacity of all the sfreams or units for a palticular acid shall be taken into consideration for detennining the stack height and applicability of emission standards individually. Tail gas plants having separate stack for gaseous emission for the scrubbing tmit, the height of this stack shall be equal to main stack or 30 metres, whichever is higher."; (b) in Schedule VI, in Waste Water Generation Standards Part B, for serial number I l, Fertiliser and entries relating thereto, the following serial number and enfries shall be substituted, namely:- (1) "11 Note: (2) Fertiliser Industry (3) Naphtha, Natural Gas & Mixed Feedstock (Naphtha + Natural Gas) Based (Sfraight Nitrogenous Fertiliser) Stmight Phosphatic Fertilizer (Single Super Phosphate (SSP) & Triple Super Phosphate (TSP) excluding manufacturing of any acid Convlex Fertilizer (4) 3.0 m3/tonne of Urea or produced 0.4m /tonne of SSP or TSP equivalent Standards of nitrogenous and Phosphatic fertiliser are applicable depending on the primmy product. ". [F. No. (2-15017/13/2010-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 subsequently amended vide the following notifications, namely: S.O. 433 (E), dated the April 1987; G.S.R. 176(E) dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th Febmmy, 2009; G.S.R. 149 (E), dated the 4th March , 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated the 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 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 Janumy, 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 7th May, 2014; G.S.R. 612(E), dated the 25th August 2014; G.S.R. 789(E), dated the 1 lth November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O.4(E), dated the I st January 2016; G.S.R. 35(E), dated the 14th Janumy 2016; G.S.R. 281 (E), dated the 7th March, 2016; G.S.R. 496(E), dated the 9th May, 2016; G.S.R.497(E), dated the 10th May, 2016; G.S.R.978(E), dated the 10thOctober, 2016; dated the 28th October, 2016 ; and lastly amended vide notification G. S.R. 1265(E), dated the 13th October, 2017. Uploaded by Dte. of Printing at Govemment of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054. Digitally signed ALOK by ALOK KUMAR Date: 2018.01.02 KUMAR +05'30'