

G.S.R. 631(E) ENVIRONMENT (PROTECTION) (AMENDMENT) RULES, 1997

•-33004/97 REGD. NO. D. L.-33004/97 429] No.429] 79" Che Gazette of •tidia EXTRAORDINARY PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY 1997Ä-& 9, 1919 NEW DELHI, FRIDAY, OCTOBER 31, 1997/KARTIKA 9, 1919 31 1997 N. 631((æftor) 1986 (1986 29) 6 25 1986 t, (1) (ük11'T) 1997 tl (2) 2. 1986 (u) 16 800 500 so so 800 soo so 2811 GI/97 (1) 2 (u) GAZETTE OF mDIA : EXTRAORDINARY (zft) 25 5 800 50 5 2 IO [PART 11—SEC. 25 5 800 50 5 2 10 (i) (iii) (IF. q. u), fi#or a•qifr I (i) (ii) (2001 n;) I fir. æi. 15018/9/97-ü It. 19 3*«, 844 18 1987 3-1T. 433 (t), 1988 1989 8(t), 15 1989 311. 190(t), 24 1989 ft. 913(t), 1990 12(t), 30 1990 fi. 742(t), 16 1991 21 1991 ft. 93(t), 12 1992 95(t), 1992 mff. 329(t), 1992 -fit. ft. 475 1992 797(\$), 1993 fi. 19 qi, 1993 41. ft. 31 1993 fi. 801 (t) 31k, 1996 176(t) MINISTRY OF ENVIRONNÆENT AND FORESTS NOTIFICATION New Delhi, the 3 1st October, 1997 G.S.R. 631(E).—In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) lles, 1986, namely : (1) These rules may be called the Environment (Protection) (Amendment) Rules, 1997. 1. (2) They shall come into force on the date of their publication in the Official Gazette

2. In the Environment (Protection) Rules, 1986, in Schedule I, after serial number 78 and entries relating thereto, lthe following serial number and -entries shall be inserted, narnely : SI.No. "79, 11—uos 3(i)] Industry Coke oven plants (by product recovery type) 3 Stndnr(is Parameter Fugitive Visible Emissions (a) Leakage from door (b) Leakage from charging lids (c) Leakage from AP Covers (d) Charging emission (second/charge) Stack Emission of Coke Oven (a) SO₂ (mg/Nm³) (b) NO_x, (mgmm³) (c) (mg/Nm³) (a) SPM emission during charging (stack emission) mg/Nm³ (b) SPM emission during coke pushing (stack emission) gm/ton of coke Sulphur in Coke Oven gas used for heating (mgTNm³) Emission for quenching operation Particulate matter gm/MT of coke produced Benm-Pyerine (BOP) concentration in work zone air (ug/m³) —Battery area (top of the battery) —Other units in coke oven plant Ambient standards (ng/m³) New Batteries 16 (with HPLA)* 800 500 50 25 5 800 50 5 2 10 Existing Batteries 50 (with 800 500 50 25 5 800 50 5 2 For control of emissions and to maintain environmental quality in work zone area, the following guidelines shall be followed, namely : (i) New coke oven units shall follow any of the low-emission procedures, such as, coke dry cooling, non-recov- ery coke-ovens. Indirect Quenching Process, Jumbo coke oven reactor, Modified Wet Quenching System with appropriate environmental controls (e.g. baffles, filtering media, collection and treaüent of residual water from quench tower and recycling; Use of process water as quenching water shall not be pennissible). Effective pollution con&ol measures (for e. g. Extensive maintenance and cleaning of oven doors and frame seals, ascension pipes, charging holes and lids and other equipment; On-main charging system (HPLA); Luting charging holes with clay-suspension; Modifried guide/&ansfer car with emission conffol system etc.) shall be taken to reduce coal charging and coke pushing emissions. The bleeder of the coke oven shall be flared. (iii) In the case of existing coke ovens with wet quenching, the new procedures as in (i) and (ii) shall be adopted and emission standards achieved within four years (by 2001). Note : Units set up after the publication of this notification shall be &eated as new units. *PLD Aspiration through high pressure liquor injection in goose neck. Per cent leaking doors. Per cent leaking lids. Per cent leaking offtakes". [File No. Q-15018/9/97-cpwj DR. G.K. PANDEY, Director 4 Note : n-IE GAZETTE OF INDIA : EXTRAORDINARY [PART IPSEC. 3(i)] The principal rules were published in Gazette of India vide number S.O. 844(E) dated the 19th November, 1986 and subsequently amended vide S.O. 433(E) dated the 18th April, 1987, S.O. 64(E), dated the 18th January, 1988, S.O. 8(E), daed the 3rd January, 1989 S.O. 190(E), dated the 15th March, 1989, G.S.R. 913(E), dated the 24th October, 1989, S.O. 12(E), dated the 8th January, 1990, G.S.R. 742(E), dated the .30d1 August, 1990, S.O. 23(E), dated the 16th January, 1991, G.S.R. 93(E), dated the 21st February, 1991, G.S.R. 95(E) dated the 12th February, 1992, G.S.R. 329(E), dated the 13th March, 1992, G.S.R. 475(E), dated the 5th May, 1992, G.S.R 797(E), dated the 1st October, 1992, G.S.R. 386(E), dated the 28th April, 1993, G.S.R. 422(E), dated the 19th May, 1993, G.S.R 801 (E), dated the 3 1st Deqember, 1993 and G.S.R. 176(E), dated the 3rd April, 1996. Printed by the Manager. Govt. of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054 — 1997