

G.S.R.233.(E).-POWERS CONFERRED BY SECTIONS 6 AND 25 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 (29 OF 1986) READ WITH SU

REGD. NO. D. 1=33004/99 Che Gazette of -3India 143] No. 143] EXTRAORDINARY PART 11—
Section 3—Sub-section (i) PUBLISHED BY AUTHORITY 16, 2018/16TFTT 25, 1939 NEW DELHI,
FRIDAY, MARCH 16, 2018/PHALGUNA 25, 1939 15 2018 q•rsrfi. 233ß.)— 1986 (1986 29) 6 25 q-r-?r
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h.kharkwal@nic.in (1) (#vayu) 2018 (2) Orl 1986 n#.-74 2. 1520 GI/2018 2 2 THE GAZETTE OF INDIA
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2018 ä1XT MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION
New Delhi, the 15th March, 2018 G.S.R.233.(E).—The following draft rules, 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) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules,
1986 is hereby published, for the information of all persons likely to be affected thereby; and notice is
hereby given that the said draft rules will be taken into consideration by the Central Government on or
after the expiry of a period of sixty days from the date on which copies of the Gazette containing this
notification are made available to the public. Any person interested in making any objections or
suggestions on the proposals contained in the draft notification 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, CPCB and Scientist 'D' Ministry at the e-mail address i.e.
mscb.cpcb@nic.in and h.kharkwal@nic.in. 4 THE GAZETTE OF INDIA : EXTRAORDINARY Draft
Rules (1) These rules may be called the Environment (Protection) Amendment Rules, 2018. [PART 11
SEC. 3(i)] (2) They shall come into force on the date of their final publication in the Official Gazette

2. In the Environment (Protection) Rules, 1986, in Schedule-I, for entry 74 the following entry shall be substituted, namely:- 2 3 Brick Kilns Bull's Trench Kilns, Induced/High Draft Kiln, Hoffmann Kilns, Tunnel, down draft Kilns, Vertical Shaft Kilns (VSK) and Zig zag. Particulate matter in stack emission Minimum stack height (for Natural draft kilns) - Kiln capacity less than 30,000 bricks per day - Kiln capacity equal or more than 30,000 bricks per day Minimum stack height (for Induced/High draft kilns) Kiln capacity less than 30,000 bricks per day - Kiln capacity equal or more than 30,000 bricks per day Notes : 250 mg/Nm' 27 m 30 m 24 m 27 m 2. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. 16. 17

18. All new brick kilns shall be allowed only with zig-zag or vertical method of brick making and shall comply to the new standards as stipulated in this notification. The existing brick kilns which are not following zig zag or vertical method of brick making shall be converted so as to adopt zig zag or vertical method within a period of one year in case of kilns located near non-attainment cities and two year for other both kilns. Further, in cases where CKB/SKB/PPC has separately laid down timelines for conversion, such orders shall prevail. The new brick kilns shall have appropriate stack heights to meet the new standards and comply with the norms for Particulate Matter (PM) within one year. All brick kilns shall use only approved fuel such as coal, fire wood and/or agricultural residues. Use of pet coke shall not be allowed in brick kilns. In the intervening period of one year allowed to the existing brick kilns to comply with these new standards for Particulate Matter by adopting good fuel charging/operation practices. Brick kilns shall construct permanent facility (port hole and platform) as per the norms/design laid down by the CPCB for monitoring of Emissions. Emission sample shall represent both fuel charging and non-charging conditions. Particulate Matter (PM) results shall be normalized at 4% CO, as below: PM (normalized) PM (measured) x 4% / measured CO, in% Stack height (in metre) shall also be calculated by formula $H=14Q$ (where Q is SO₂ emission rate in kg/hr), and the maximum of two shall apply. A brick kilns will be considered an Induced/High draft kiln if it has a fan operating with minimum 50mm water gauge draught. Brick kilns should be established at a minimum distance of 0.8 km from habitation and fruit orchards. State Boards may make siting criteria stringent considering proximity to habitation,

population density, water bodies, sensitive receptors, etc. Brick kilns should be established at a minimum distance of 1 km from an existing fixed chimney kiln to avoid clustering of kilns in an area. Brick kilns shall follow process emission control guidelines as prescribed by concerned SPCBs/PCCs. The ash generated in the brick kilns shall be fully utilized in-house in brick making. All necessary approvals from the concerned authorities including mining department of the concerned State/UT shall be obtained for extracting the top soil to be used for brick making in the brick kiln. The brick kiln owners shall ensure that the road utilized for transporting raw materials/bricks shall be metalled roads and is dust free. Trucks shall be covered during transportation of raw material/bricks. The existing kilns shall increase stack height, if required, to meet these new standards within 1 yr". [FN.O. Q-15017/35/2017-CPW] DR SATISH CHANDRA GARKOTI, 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 lastly amended vide notification G.S.R. 96(E), dated the 29th January, 2018. 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: 2018.03.22

