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The Gazette of India

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EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)  
PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित  
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पर्यावरण, बन और जलवायु परिवर्तन मंत्रालय  

अधिसूचना  

नई दिल्ली, 22 फरवरी, 2022

सा.का.नि. 143(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 6 और पर्यावरण, (संरक्षण) अधिनियम, 1986 का और संशोधन करते हुए निम्नलिखित नियम बनाती हैं, अर्थातः—

1. संक्षिप्त नाम और प्रारंभ :

(1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2022 है।

(2) वे राजनय में उनके अंतिम प्रकाशन की तारीख से लागू होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 में, अनुसूची-I में, क्रम सं. 74 पर प्रविधि के स्थान पर निम्नलिखित प्रविधि को रखा जाएगा, अर्थातः—

<table>
<thead>
<tr>
<th>सं.</th>
<th>इंट भट्टे</th>
<th>चिमनी की उल्टी रंजन में सिंचक पदार्थ</th>
<th>250 मिलीमिटर/एनएम3</th>
</tr>
</thead>
<tbody>
<tr>
<td>सं-74</td>
<td>भट्टा क्षमता 30,000 इंट प्रतिदिन से कम</td>
<td>भट्टा क्षमता 30,000 इंट प्रति दिन के बराबर या अधिक</td>
<td></td>
</tr>
<tr>
<td></td>
<td>भट्टा क्षमता 30,000 इंट प्रतिदिन से कम</td>
<td>14 मीटर (लोड्डग प्लेटफॉरम से कम से कम 7.5 मीटर)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>भट्टा क्षमता 30,000 इंट प्रति दिन के बराबर या अधिक</td>
<td>16 मीटर (लोड्डग प्लेटफॉरम से कम से कम 8.5 मीटर)</td>
<td></td>
</tr>
<tr>
<td>चिमनी की न्यूनतम ऊंचाई (मट्टों की वर्तमान साप्त है)</td>
<td>मापदंड अनुसार</td>
<td>24 मीटर</td>
<td></td>
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<td>-----------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>मट्टा शंकु 30,000 ईंट प्रतिदिन से कम</td>
<td>27 मीटर</td>
<td></td>
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</tbody>
</table>
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION

New Delhi, the 22nd February, 2022

G.S.R. 143(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 further to amend the Environment (Protection) Rules, 1986, namely:

1. Short Title and commencement: -

   (1) These rules may be called the Environment (Protection) Amendment Rules, 2022.

   (2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, in the SCHEDULE-I, for entry at Sl. No. 74, the following entry shall be substituted, namely: -

<table>
<thead>
<tr>
<th>74</th>
<th>Brick Kilns</th>
<th>Particulate matter in stack emission</th>
<th>250 mg/Nm³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Minimum stack height (Vertical Shaft Brick Kilns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Kiln capacity less than 30,000 bricks per day</td>
<td>14 m (at least 7.5m from loading platform)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Kiln capacity equal or more than 30,000 bricks per day</td>
<td>16 m (at least 8.5m from loading platform)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Minimum stack height (Other than Vertical Shaft Brick Kilns)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Kiln capacity less than 30,000 bricks per day</td>
<td>24 m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Kiln capacity equal or more than 30,000 bricks per day</td>
<td>27 m</td>
</tr>
</tbody>
</table>

Notes:

1. All new brick kilns shall be allowed only with zig-zag technology or vertical shaft or use of Piped Natural Gas as fuel in brick making and shall comply to these standards as stipulated in this notification.

2. The existing brick kilns which are not following zig-zag technology or vertical shaft or use Piped Natural Gas as fuel in brick making shall be converted to zig-zag technology or vertical shaft or use Piped Natural Gas as fuel in brick making within a period of (a) one year in case of kilns located within ten kilometre radius of non-attainment cities as defined by Central Pollution Control Board (b) two years for other areas. Further, in cases where Central Pollution Control Board/State Pollution Control Boards/Pollution Control Committees has separately laid down timelines for conversion, such orders shall prevail.

3. All brick kilns shall use only approved fuel such as Piped Natural Gas, coal, fire wood and/or agricultural residues. Use of pet coke, tyres, plastic, hazardous waste shall not be allowed in brick kilns.

4. Brick kilns shall construct permanent facility (port hole and platform) as per the norms or design laid down by the Central Pollution Control Board for monitoring of emissions.

5. Particulate Matter (PM) results shall be normalized at 4% CO₂ as below:

$$PM \text{ (normalized)} = \frac{(PM \text{ (measured) x } 4\%)}{(\% \text{ of } CO_2 \text{ measured in stack})}$$

No normalization in case CO₂ measured ≥ 4%. Stack height (in metre) shall also be calculated by formula $$H=14Q^{0.3}$$ (where Q is SO₂ emission rate in kg/hr), and the maximum of two shall apply.
6. Brick kilns should be established at a minimum distance of 0.8 kilometre from habitation and fruit orchards. State Pollution Control Boards/Pollution Control Committees may make siting criteria stringent considering proximity to habitation, population density, water bodies, sensitive receptors, etc.

7. Brick kilns should be established at a minimum distance of one kilometre from an existing brick kiln to avoid clustering of kilns in an area.

8. Brick kilns shall follow process emission/fugitive dust emission control guidelines as prescribed by concerned State Pollution Control Boards/Pollution Control Committees.

9. The ash generated in the brick kilns shall be fully utilized in-house in brick making.

10. All necessary approvals from the concerned authorities including mining department of the concerned State or Union Territory shall be obtained for extracting the soil to be used for brick making in the brick kiln.

11. The brick kiln owners shall ensure that the road utilized for transporting raw materials or bricks are paved roads.

12. Vehicles shall be covered during transportation of raw material/bricks”.

[F. No. Q-15017/35/2007-CPW]

NARESH PAL GANGAWAR, Addl. Secy.

Note: The principle rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) vide number S.O. 844(E), dated the 19th November, 1986 and lastly amended vide number G.S.R. 724(E), dated the 04th October, 2021.