

The following draft notification, which the Central Government proposes to issue under the Environment (Protection) Act, 1986 (29 of 1986), is hereby published for the information of public likely to be affected thereby; and the notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of thirty days from the date on which this draft has been made available to public through this website. The comments may be sent to the mail id of Advisor (CP) :[hasan-mef@nic.in](mailto:hasan-mef@nic.in)

[To be published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i)]

**GOVERNMENT OF INDIA**

**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**

**NOTIFICATION**

**New Delhi, -----April, 2015**

G.S.R. \_\_\_\_\_ (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. (1) These rules may be called the Environment (Protection) Amendment Rules, 2015.  
  
(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  
  
(i) in existing serial number 5, thermal power plants (water consumption limit) , for the existing entries and entries relating thereto , the following serial number and entries shall be added, namely:-

**5(a) Water consumption limit**

S.NO.	Industry	Parameter	Standards
1	2	3	4
5(a)	Thermal Power Plant	Water consumption	1. All plants with once through cooling (OTC) shall install cooling tower(CT) and achieve specific water consumption max. 4 m <sup>3</sup> / MWh within 2 years period

			<p>from the date of notification.</p> <p>2. All existing CT- based plants shall reduce specific water consumption upto maximum of 3.5 m<sup>3</sup>/ MWh within 2 years period from the date of notification.</p> <p>3. New plants to be installed after January 01, 2017 shall meet specific water consumption maximum of 2.5 m<sup>3</sup>/ MWh and achieve zero liquid discharge</p>
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(ii) in existing serial number 25, thermal power plants (emission standards) , for the existing entries and entries relating thereto , the following serial number and entries shall be substituted, namely:-

#### 25. EMISSION LIMIT

S.NO.	Industry		Parameter	Standards
1	2		3	4
25	Thermal Power Plant	TPPs (units) installed before December 31 , 2003 (i)	Particulate Matter	100 mg/Nm <sup>3</sup>
			Sulphur dioxide (SO <sub>2</sub> )	600 mg/Nm <sup>3</sup> (units smaller than 500 MW capacity units) 200 mg/Nm <sup>3</sup> (units having capacity of 500 MW and above)
			Oxides of nitrogen (NOx)	600 mg/Nm <sup>3</sup>
			Mercury (Hg)	- (units smaller than 500 MW capacity units)  0.03 mg/Nm <sup>3</sup> (units having capacity of 500 MW and above)
		TPPs (units) installed after	Particulate Matter	50 mg/Nm <sup>3</sup>

		2003 to December 31,2006(i)	<b>Sulphur dioxide (SO<sub>2</sub>)</b>	200 mg/Nm <sup>3</sup> (for units having capacity of 500 MW and above)
			<b>Oxides of nitrogen (NO<sub>x</sub>)</b>	300 mg/Nm <sup>3</sup>
			<b>Mercury (Hg)</b>	0.03 mg/Nm <sup>3</sup>
		TPPs (units) to be installed from January 1,2017 (ii)	<b>Particulate Matter</b>	30 mg/Nm <sup>3</sup>
			<b>Sulphur dioxide (SO<sub>2</sub>)</b>	100 mg/Nm <sup>3</sup>
			<b>Oxides of nitrogen (NO<sub>x</sub>)</b>	100 mg/Nm <sup>3</sup>
			<b>Mercury (Hg)</b>	0.03 mg/Nm <sup>3</sup>

- (i) TPPs (units) shall meet the limits within two years from date of the notification.  
(ii) Includes all the TPPs (units) which have been accorded environmental clearance and are under construction.

[F.NO. Q-15017/40/2007-CPW]

(Dr. Rashid Hasan)  
Advisor

Note: - The principal rules were published in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i) vide notification number S.O. 844 (E), 19<sup>th</sup> November, 1986 and lastly amended vide notification number S.O. 8(E) dated 3<sup>rd</sup> January, 1989.