

## MINISTRY OF ENVIRONMENT AND FORESTS

## NOTIFICATION

New Delhi, the 2nd May, 2011

G.S.R. 354(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) (Third Amendment) Rules, 2011.
- (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,—
  - (i) in Schedule I, for serial number 21 relating to "Copper, Lead and Zinc Smelting", the following serial number and entries shall respectively be substituted, namely:—

Sl. No.	Industry	Parameter	Standard				
(1)	(2)	(3)	(4)				
21	Copper, Lead or Zinc Smelting Plant	Particulate Matter (mg/Nm <sup>3</sup> )	Emission standards				
			a. Concentrator				
			Existing Unit			New Unit	
			100			75	
			b. Sulphur Dioxide Recovery Unit				
			Limiting Concentration in mg/Nm <sup>3</sup>				
			Plant capacity for 100% convertible concentration of Sulphuric Acid (tone/day)			Existing Unit	New Unit
			Sulphur Dioxide (So <sub>2</sub> )			1370	1250
			Above 300			1250	950
			Acid Mist/Sulphur Trioxide			90	70
Above 300			70	50			

## Note:

1. Capacity in above stipulation means the installed capacity of Sulphuric Acid Plant.
  2. Scrubbing units shall have on-line pH meters with auto recording facility.
  3. Plant commissioned on or after the date of notification, shall be termed as 'New Unit'.
  4. The height of the Stack emitting Sulphur Dioxide or acid mist shall be a minimum of 30 metres or as per the formula  $H = 14 (Q)^{0.5}$  (whichever is more), where "H" is the height of stack in metres; and "Q" is the maximum quantity of SO<sub>2</sub> in kg/hr, expected to be emitted through the stack at 110 per cent rated capacity of the Tail Gas plant (s) and calculated as per the norms of gaseous emission.
  5. Tail Gas plants having more than one stream or unit of sulphuric acid at one location, the combined capacity of all the streams or units shall be taken into consideration for determining the stack height and applicability of emission standards.
  6. Tail Gas plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be equal to main stack or 30 metres, whichever is higher;";
- (ii) in Schedule VI, in part-D, in paragraph III relating to Load/Mass Based Standards, for serial number 2 relating to Copper, Lead and Zinc Smelter/Converter Plant, for the entries, the following entries shall respectively be substituted, namely:—

Sl. No.	Industry	Parameter	Standard	Quantum Limit in kg/tonne	
(1)	(2)	(3)	(4)	Existing	New
				Unit	Unit
			Plant capacity for 100 % concentration of Sulphuric Acid (tonne/day)		
"2.	Copper, Lead or Zinc Smel- ting Plant	Sulphur Dioxide (SO <sub>2</sub> )	Upto 300 Above 300	2.5 2.0	2.0 1.5"

[F. No. Q-15017/29/2007-CPW]

RAJNEESH DUBE, Jt. Secy.

Note :— The principal rules were published in the Gazette of India vide number S.O. 844(E), dated 19th November, 1986; subsequently amended vide S.O. 433(E) dated 18th April 1987; and recently amended vide G.S.R. 97(E), dated the 18th February, 2009; G.S.R. 149(E), dated the 4th March, 2009; G.S.R. 512(E), dated the 9th July, 2009; G.S.R. 543 (E), dated the 22nd July, 2009; G.S.R. 595(E), dated the 21st August 2009; G.S.R. 794(E), dated the 4th November, 2009; G.S.R. 826(E), dated the 16th November, 2009; G.S.R. 1 (E), dated the 1st January, 2010; G.S.R. 61(E), dated 5th February, 2010; G.S.R. 485(E), dated 9th June, 2010; G.S.R. 608(E), dated 21st July, 2010; G.S.R. 739(E), dated the 9th September, 2010; G.S.R. 809(E), dated, 4th October, 2010; G.S.R. 215(E), dated the 15th March, 2011, and G.S.R. 221(E), date, the 18th March, 2011.