

**MINISTRY OF ENVIRONMENT AND FORESTS**

**NOTIFICATION**

New Delhi, the 7th May, 2008

**G.S.R. 344(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, 2008.
- (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, at serial number 23, relating to “Sulphuric Acid (Emission of Sulphur Dioxide and Acid Mist)” for the existing entries, the following shall be substituted, namely:—

S.No.	Industry	Parameter	Standard			
1	2	3	4			
23.	Sulphuric Acid Plant	<b>Emission standards</b>				
		Limiting concentration in mg/Nm <sup>3</sup> , unless stated				
			Plant capacity for 100% concentration of Sulphuric Acid (tonne/day)		Existing Unit	New Unit
		Sulphur dioxide	Up to 300	1370	1250	
			Above 300	1250	950	
	Acid Mist/Sulphur Trioxide	Up to 300	90	70		
		Above 300	70	50		

**Note:**

- (i) Scrubbing units shall have on-line pH meters with auto recording facility.
- (ii) The height of the stack emitting sulphur-dioxide or acid mist shall be of minimum of 30 metre or as per the formula  $H = 14 (Q)^{0.3}$  (whichever is more).  
Where “H” is the height of stack in metre; and “Q” is the maximum quantity of SO<sub>2</sub> expected to be emitted through the stack at 110 per cent rated capacity of the plants and calculated as per the norms of gaseous emission.
- (iii) Plants having more than one stream or unit of sulphuric acid at one location, the combined capacity of all the streams and units shall be taken into consideration for determining the stack height and applicability of emission standards.
- (iv) Plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be equal to main stack.” ;

- (ii) in Schedule VI, in part-D, in para III relating to Load/Mass Based Standards, in serial number 4, for the existing entries, the following entries shall be substituted, namely:

S.No.	Industry	Parameter	Standard		
			Quantum Limit in kg/tonne		
			Plant capacity for 100%	Existing Unit	New Unit
				concentration of	
				Sulphuric Acid (tonne/day)	
4.	Sulphuric Acid Plant	Sulphur dioxide (SO <sub>2</sub> )	Up to 300	2.5	2.0
			Above 300	2.0	1.5”.

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

R.K. VAISHI, Jt. Secy.

**Note:**— The principal rules were published in the Gazette of India *vide* number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended *vide* S.O. 433 (E) dated 18th April, 1987, S.O. 64 (E) dated 18th January, 1988, S.O. 3 (E) dated the 3rd January, 1989, S.O. 190 (E) dated 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 30th 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 31st December, 1993, G.S.R. 176 (E) dated the 3rd April, 1996, G.S.R. 631 (E) dated the 31st October, 1997, G.S.R. 504 (E) dated the 20th August, 1998, G.S.R. 7 (E) dated the 2nd January, 1999, G.S.R. 682 (E) dated the 5th October, 1999, G.S.R. 742 (E) dated the 25th September, 2000, G.S.R. 72 (E) dated the 6th February, 2001, G.S.R. 54 (E) dated the 22nd January, 2002, G.S.R. 371 (E) dated the 17th May, 2002, G.S.R. 489 (E) dated the 9th July, 2002, S.O. 1088 (E) dated the 11th October, 2002 and G.S.R. 849 (E) dated the 30th December, 2002, G.S.R. 520 (E) dated 1st July, 2003, G.S.R. 92 (E) dated the 29th January, 2004, G.S.R. 448 (E) dated the 12th July, 2004, Corrigenda G.S.R. 520 (E) dated the 12th August, 2004, G.S.R. 272 (E) dated the 5th May, 2005, G.S.R. 315 (E) dated the 16th May, 2005, G.S.R. 546 (E) dated the 30th August, 2005, G.S.R. 46 (E) dated the 3rd February, 2006, G.S.R. 464 (E) dated the 7th August, 2006, G.S.R. 566 (E) dated the 29th August, 2007, G.S.R. 704 (E) dated the 12th November, 2007, G.S.R. 186 (E) dated the 18th March 2008 and G.S.R. 280 (E), dated the 11th April, 2008.