

**G.S.R. 149(E). HESE RULES MAY BE CALLED THE ENVIRONMENT (PROTECTION)
SECOND AMENDMENT RULES, 2009.**

G.O. 33004/99 REGD.NO. D. Che Gazette of India 1301 No. 1301 PART A—section 3—Sub-section 1 (i) PUBLISHED BY AIR HODRI 4, 13, 1930 NEW DELHI, WEDNESDAY, MARCH 4, 2009/PHALGUNA 13, 1930 4 qN, 2009 3+zu1, 1986 (1986 öT29) 6 25 ge, quf-axo•r 1986 3ft 1 .(l) \$7 (*ixep) 200B I 2. qufavr (GQPT) 1986 1 73: 3 4 3fi. 1 2 3 50 50 4 30 300 3äTfi) 30 30 2 THEGAZETTEOF : EXTRAORDINARY [PART 11—SEC. 3(i)] 3 co 4 100 20 0.2 ngTEQ/Nmg 0.1 ngTEQ/Nm3 30 8 8 Sb +As +Pb + cr +co 1.5 2 0.1 11. f III ag 850+250C 9500 C *TTT *i-ää -Ei 9500C iv. ärf*fäg <3FT 1 % 850+250C 3-1k 17000c @QtfiS) I 3 2 3 4 vi. (äQff äR*f) 7TtMFT, (TOC) 3% 3äx \$1 5% vii. \$r 8rw ii. agf iii. iv. (TDS), 1000 3ftö vi. gait) asr 1986 vi. : Bzn:r, €öT3T.844 (30 19 1986 €öT.3T.433 18 1987, <öT.3ff. 64 (30, 18 1988, *i.öT3T. 3 (30, 3 1989, *i.öT.3ff.190 (30, 15 1989, (30, 24 1989, æt.öTar.12 (30, 1990, w.öT.ä. 742 (30, 30 1990, *t.öT.MT. 23 (30, 16 1991, (30, 21 1991, w.öTfi.95 (30 , 12 1992, (30, 13 ilTä 1992, (30, 5 1992, 329 (3) 13, (30, 1 1992 886 (30, 28 1993, 429 (30, 19 1993, *TT.öT.PT., 801 (30, 1993, *TT.öT.B.176 (30, 1996, 631 (30, 1997, *Tr.öTfi., 504 (30, 1998, 7 (30, 1999, qr.öT.Ä., 682 (30, 5 190, æff.öT.B. 742 (30, 25 4 THE OF INDIA : EXTRAORDINARY (PART 11—SEC. 20001 æTT.öT.fr.72 (30, 2001, (30, 2002, 371 (30, 17 2002, (30, 9 2002 1088 (30, 11 2002 (31), 30 2002, 520 1 2003, (30, 29 2004, (9, 12 2004, w.öT.B., 520 (30, 12 2004, 272 (3), 5 2005, *fförfi.315 (30, 16 2005, (30, 2005, *ff.öT.Å.46 (30, 2006, (30, 7 2006, 640 (34) 16 2006 (30, 29 2007, (30, 12 2007, 18 2008, (34), +2008, 344 2008, 414 (M) 2008, 481 (310 26 2008, 579(30, afra6 2008, 600 (30 18 2008, 752 (30 24 2008 3ik (3) (30 18 2009 MINISTRY OF ENVIRONMENT AND FORESTS NOTIFICATION New Delhi, the 4th March, 2009 G.S.R. 149(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) Second Amendment Rules, 2009. (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, in serial number 73 relating to Pharmaceuticals Industry (Bulk Drugs), after the existing entries under columns 3 and 4, the following entries shall be inserted, namely:-

S.No	Indu	1 2	Parameter	3	Standard	4 "
A.	Emission from Incinerator	Particulate Matter HCl so co Total O anic Carbon Total Dioxins and Existing Furans *				
	Incinerator New	Limiting concentration in mg/Nm3, unless stated	50 50 200 100 20 0.2 n TE Nm3 0.1 3			
	Sampling duration in (minutes) unless stated	30 or more (for sampling about 300 litre emission 30 30 dail avera e 30 8 hours 8 hours 1 6-S6 2 3 and their com unds 1.5 5 4 2 hours *				

* The existing plant shall comply with norms for dioxins and furans as 0.1 ng/TEQ/Nm3 within 5 years from the date of notification. Notes : Alt monitored values shall be corrected to 11% oxygen on dry basis. less than 7%. gass a n e concenr on in iii. In case, halogenated organic waste is less tun 1% by weight in input waste, all the facilities in twin chamber incinerator shall be designed so as to achieve a minimum temperature of 850±250C in primary chamber and 9500C in secondary combustion chamber and with a gas residence ime in secondary combustion chamber not less than 2 (two) seconds. or all the facilities in single chamber incinerator for gaseous hazardous waste shall be designed so as to achieve a minimum temperature of 9500C in the combustion chamber wtl a gas residence time not less than 2 (two) seconds. iv. In case halogenated organic waste is more than 1% by weight in input waste, waste shall be incinerated only in uin chamber incinerators and all the facilities shall be designed to achieve a minimum temperature of 850±250C in primary chamber and 11000C in secondary combustion chamber with a gas residence time in sa:ondary combustion chamber not less than 2 (two seconds). v. Scrubber meant for scrubbing emissions shall not be used as quencher. vi. Incineration plans shall be operated (combustion chambers) with such temperature, retention time and turbulence, as to achieve Total Organic Carbon (TOC) content in the incineration ash and residue less eman 3%, and freir loss on ignition is less than 5% of the dry weight. In case of non-conformity, ash and/or residue shall be re-incinerated. vii. The incinerator shall have a chimney of adeast thirty metre height. 6 1 THE OF INDIA : EXTRAORDINARY 3 ART II—SEC. 3(i 4 2 ii. iii. lv. v. B. Effluent from Incinerator Effluent from scrubber (s) and floor washing shall flow through closed conduit/pipe network. Storm water shall not be allowed to mix with scrubber water and/or floor washings.

Storm water shall be channelized through separate drains passing through a HDPE lined pit having holding capacity of 10 minutes (hourly average) of rainfall. The built up in Total Dissolved Solids (TDS) in wastewater of floor washings shall not exceed 1000 mg/l over and above the TDS of raw water used. Effluent shall not be stored in holding tank(s) in such manner which may cause pollution to groundwater."

vi. Effluent (scrubber water and floor washings) shall be discharged into receiving water conforming to the norms prescribed under Schedule VI: General Standards for Discharge of Environment Pollutants (Part A: Effluents) notified under the Environment (Protection) Rules, 1986". [F. No.Q-15017/34/2006-CPWL RAJNEESH DUBE, Jt. secy. Note : The principal rules were published in the Gazette of India vide number S.O. 844 (E) 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 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 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 October 1997, G.S.R. 504 (E) dated the 2nd August 1998, G.S.R. 7 (E) dated the 2nd January 1999, G.S.R. 682 (E) dated the 6th 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 December 2002, G.S.R. 520 (E) dated July, 2003, G.S.R. 92 (E) dated 29th January 2004, G.S.R. 448 (E) dated 12th July 2004, Corrigenda G.S.R. 520 (E) dated 12th 7 August 2004, G.S.R. 272 (E) dated May 2005, G.S.R. 315 (E) dated May 2005, G.S.R. 546 (E) dated August 2005, G.S.R. 46 (E) dated 3rd February 2006, G.S.R. 464 (E) dated 7th August 2006, G.S.R. 640 (E) dated 16th October 2006, G.S.R. 566 (E) dated 29th August 2007, G.S.R. 704 (E) dated November 2007, G.S.R. 186 (E), dated 18th March 2008, G.S.R. 280 (E) dated 1st April 2008, G.S.R. 344 (E), dated 7th May 2008, G.S.R. 414 (E) dated May 2008, G.S.R. 481 (E) dated 26 June 2008, G.S.R. 579 (E) dated 6th August 2008, G.S.R. 600 (E) dated 18th August 2008, G.S.R. 752 (E) dated October 2008 and G.S.R. 844 (E) dated 10 February 2009. hinted by Govt. of India Pros, Ring Road, Mayapuri, New Delhi-110008 and Published by the Controller Of Publications, 10054.