The Gazette of India

EXTRAORDINARY

PART II–Section 3–Sub-section (i)

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 14th January, 2016

G.S.R. 35(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, 2016.

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

2. In Schedule-1 to the Environment (Protection) Rules, for Serial number 4 and the entries relating thereto, the following serial number and entries shall be substituted, namely:-

S. No.	Industry	Parameters	Standards
(1)	(2)	(3)	(4)
"4.	SUGAR INDUSTRY	EFFLUENTS	All concentration values are in milligramme per litre except for pH
		pH	5-5 - 8.5
		Total Suspended Solids (TSS), milligramme per litre	100 (for disposal on land) 30 (for disposal in surface waters)
		Biological Oxygen Demand	100 (for disposal on land)
		BOD [3 days at 27°C], milligramme per litre	30 (for disposal in surface waters)
		Oil & Grease milligramme per litre	10
		Total Dissolved Solids (TDS), milligramme per litre	2100

S. No.	Industry	Parameters	Standards
(1)	(2)	(3)	(4)
		Final wastewater discharge limit	200 litre per tonne of cane crushed
		(Final treated effluent discharge restricted 100 litre per tonne of cane crushed Waste water from spray pond overflow or cooling tower blow down to be restricted to 100 litre per tonne of cane crushed and only single outlet point from unit is allowed.)	
		EMISSIONS	
		The particulate matter emissions from the stack shall be less than 150 milligramme per normal cubic metre	

4(1) Treated effluent Irrigation protocol and waste water conservation or waste water management in Sugar industries

(i) Loading rates for different soil textures

S.No.	Soil Texture	Loading rate in m^3Ha/Day
1	Sandy	225 to 280
2	Sandy loam	170 to 225
3	Loam	110 to 170
4	Clay loam	55 to 110
5	Clay	35 to 55

(ii) Waste water conservation and pollution control management

1. Establishment of cooling arrangement and polishing tank for recycling the excess condensate water to process or utilities or allied units.
2. Effluent Treatment Plant to be stabilized one month prior to the start of the crushing season and continue to operate one month after the crushing season.
3. During no demand period for irrigation, the treated effluent to be stored in a seepage proof lined pond having 15 days holding capacity only.
4. Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
5. Suitable Air pollution control devices to be installed to meet the particulate matter emission standard.".

[F. No. Q-15017/31/2007-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* number S.O. 877(E), dated the 19th November, 1986 and subsequently amended *vide* the following notifications, namely:-

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E), dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated the 4th October, the 2010, G.S.R. 215(E), dated the 15th March, 2011, G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266 (E), dated the 30th March, 2012; G.S.R. 277 (E), dated the 31st March, 2012; G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18st March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014, G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November, 2014; S.O. 3305(E), dated the 7th December, 2015 and lastly amended *vide* notification S.O. 4(E), dated the 1st January, 2016.