

**DRAFT/ 6<sup>th</sup> July, 2015**

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 Mr. R.N.Pankaj, DD (CP) : [rnpankajpcb@gmail.com](mailto:rnpankajpcb@gmail.com)

**[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, the ... May 2015**

G.S.R.---- 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) 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,

after serial number 3 and entries, relating thereto, the following serial number entries shall be inserted, namely:-

<b>S.N o.</b>	<b>Industry</b>	<b>Parameter</b>	<b>Standard</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>4</b>	<b>SUGAR INDUSTRY</b>	<b>EFFLUENTS</b>	Limiting value for concentration in mg/l except for pH
		pH	5.5 – 8.5
		TSS, mg/l	30(For disposal in surface

			waters) 50 (for disposal on land)
		BOD[3 days at 27 <sup>0</sup> c]mg/l	30 (For disposal in surface waters) 100 (for disposal on land)
		TDS, mg/l	2100
		Final treated effluent generation to be limited to 40 lit/Tone of cane crushed	
		<b>EMISSIONS</b>	
		The air emissions from the stack shall be less than 150 mg/Nm <sup>3</sup>	

**Guidelines for water conservation and water management**  
**Irrigation protocol/guidelines**

S.N	Soil Texture	Loading rate in m <sup>3</sup> /Ha/Day
1	Sandy	225 to 280
2	Sandy loam	170 to 225
3	Loam	110 to 170
4	Clay loam	55 to 110
5	Clayey	35 to 55

1. Establish mini cooling tower or polishing tank for recycling the excess condensate water to process/utilities/allied units. No discharge of water from cooling and condensate at any time.
2. Effluent treatment plant to be stabilized one month prior to the start of the crushing season. Upgrade the ETP with anaerobic treatment as primary and aerobic treatment as secondary.
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. Use only recycle water for washing of incoming raw material, close loops for flue gas scrubbers.
5. Abstraction of ground water to be limited and maximum recycling of treated water to be used in allied activities.

6. Wet scrubber compulsory for units without co-generation and ESP for co-generation plants. Phase out old boilers.

[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 notification number S.O. 844 (E), 19<sup>th</sup> November, 1986 and subsequently amended vide notifications numbers S.O. 433 (E), dated 18<sup>th</sup> April 1987; G.S.R. 176(E) dated 2<sup>nd</sup> April, 1996; G.S.R. 97 (E), dated the 18<sup>th</sup> February, 2009; G.S.R. 149 (E), dated the 4<sup>th</sup> March, 2009; G.S.R. 543(E), dated 22<sup>nd</sup> July, 2009; G.S.R. 739 (E), dated the 9<sup>th</sup> September, 2010; G.S.R. 809(E), dated, the 4<sup>th</sup> October, 2010, G.S.R. 215 (E), dated the 15<sup>th</sup> March, 2011; G.S.R. 221(E), dated the 18<sup>th</sup> March, 2011; G.S.R. 354 (E), dated the 2<sup>nd</sup> May, 2011; G.S.R. 424 (E), dated the 1<sup>st</sup> June, 2011; G.S.R. 446 (E), dated the 13<sup>th</sup> June, 2011; G.S.R. 152 (E), dated the 16<sup>th</sup> March, 2012; G.S.R. 266(E), dated the 30<sup>th</sup> March, 2012; and G.S.R. 277 (E), dated the 31<sup>st</sup> March, 2012; and G.S.R. 820(E), dated the 9<sup>th</sup> November, 2012; G.S.R. 176 (E), dated the 18<sup>th</sup> March, 2013; G.S.R. 535(E), dated the 7<sup>th</sup> August, 2013; G.S.R. 771(E), dated the 11<sup>th</sup> December, 2013; G.S.R. 2(E), dated the 2<sup>nd</sup> January, 2014; G.S.R. 229 (E), dated the 28<sup>th</sup> March, 2014; G.S.R. 232(E), dated the 31<sup>st</sup> March, 2014; G.S.R. 325(E), dated the 07<sup>th</sup> May, 2014, G.S.R. 612, (E), dated the 25<sup>th</sup> August 2014 and lastly amended vide notification G.S.R. 789(E), dated 11<sup>th</sup> November 2014.