

G.S.R. 618(E).—ENVIRONMENT (PROTECTION) ACT, 1986 (29 OF 1986)

gqo-33004/99 REGD. NO. D. 1=33004/99 Che Gazette of -3Jndia 457] No. 457] EXTRAORDINARY PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY 6, 15 1940 NEW DELHI, FRIDAY, JULY 6, 2018/ASHADHA 15, 1940 qqfT0T, 2018 q•r. R. 618(4).— (&a-TUT) 3TfüfIAH, 1986 (1986 29) 6 25 t, 1986 5 (3) Ä--q-r Ä--q-r t, q-rrFTTl Q--q-r B4-fifi, t, A-ü ft-TI üg, ü#r-110013 it 'ft' mscb.cpcb@nic.in h.kharkwal@nic.in q? (&WJT) 1986 t, 1. 2018 2. (&a-TUT) 1986 aqft€r-l 15 3867 GI/2018 2 15. THE GAZETTE OF INDIA : EXTRAORDINARY fiqfurqrr«r, *fix-r (â-€T!-q+r) [PARTII SEC. 3(i)] 2. F) (ii) (iii) (iv) 3. 45-60% t; 4T ft-Ér it (30% 40%) a-fh t) *fix-r 31--q-@r-rz 45-60% a---4T Qh-fh fru-r q-rrFTTl yr-crt it ft-q-r q-r-g•q-r, q-r-rFTT *fix-r a-fh fää it q-rrFTTl -Ffi-q 1 00/0 it q-rrFTTl *fix-r aqf•ur : 3TF4 fiAT/*7T q--äfi-u-t 3(i)] 3 2. 3. 4. tzt qr7r m.u•r.tü. 6.5.-8.5 50 20 20 fir. #15017/20/2015-\$r-rfi-gz€q ft-q-q 3THTP.xr-or, 11, 3, z-q-äg (i) 844(3T), --dT-âq 19 1986 593(4), 28 qfl, 2018 MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION New Delhi, the 6th July, 2018 G.S.R. 618(E).—The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette containing this notification are made available to the public. Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period 4 THE GAZETTE OF INDIA : EXTRAORDINARY [PARTII SEC. 3(i)] specified above to the Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003, or send it to MS, CPCB and Scientist 'D' Ministry at the e-mail address i.e. mscb.cpcb@nic.in and h.kharkwal@nic.in. Draft Notification 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, 2018. (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, the entry at serial number 15 shall be substituted by the following entry: 15.Fermentation Industry (Distilleries, Malteries and Breweries) (A) Effluent Standards 1. 2

3. Molasses based distilleries : A) All molasses based distilleries including yeast manufacturing units shall achieve zero liquid discharge (ZLD) by: 1. Concentrating and incinerating the spent wash. Raw / Bio-methanated spent wash to be concentrated by MEE and / or RO (minimum 45-60 % solids) and incinerated in boiler; or Concentrating and utilising the spent wash in bio-composting with press mud. Bio-methanated spent wash to be concentrated by MEE and / or RO (minimum 40% by volume with 30% solids) and to be converted into bio compost by mixing with press mud

2. Other process / non process effluents, RO permeate, MEE condensate etc., shall be suitably treated and reused in the process; and shall not be discharged. B) New stand alone distilleries (not having sugar unit) or increase in production of standalone distilleries based on molasses shall achieve zero liquid discharge by concentrating and incinerating the spent wash. Raw/Bio-methanated spent wash to be concentrated by MEE and / or R.O. (Min. 45-60 % Solids) and incinerated in boiler. Other process / non process effluents, R.O permeate, MEE condensate etc, shall be suitably treated and reused in the process; and shall not be discharged. Grain based distilleries: All grain based distilleries shall achieve zero liquid discharge by decantation, concentration by evaporation and drying. The distilleries shall follow the below route for achieving ZLD (i) (ii) (iii) (iv) The whole stillage shall be decanted, thin stillage shall be evaporated and wet cake and syrup shall be mixed and dried in a dryer and converted into Distillers' Dried Grains with Solubles (DDGS). Bio-methanation of any intermediate stream for recovery of bio gas can also be carried out by the industries. The moisture content of DDGS should not be more than 10 %. Other non process effluents, R.O permeate, MEE condensate etc, shall be suitably treated and reused in the process; and shall not be discharged Industries those shall operate on both grain and molasses shall have both the systems for achieving ZLD. Any other process / industry producing alcohol by distillation: Any

other process / industry producing alcohol by distillation shall achieve zero liquid discharge by adopting suitable treatment methods. 3(i)] 5 4. Those distilleries who want to adopt any alternative technology equivalent to concentration and incineration such as as spray drier with boiler, rotary dryer with aux fuel & boiler, gasification, etc for achieving ZLD shall get it approved from respective State Pollution Control Boards. Breweries, Malteries and Stand alone bottling units: All Breweries, Malteries and Stand alone bottling units shall achieve the following discharge standards by giving suitable treatment for their effluent. S. No. 1. 2. 3

4. Parameter Colour and odour Suspended solids BOD (3 days at 27 C Disposal in to inland surface water or river / streams Disposal on land or for irrigation Standard (Concentration not to exceed mg/lit except for pH and colour & odour) 6.5-8.5 All efforts should be made to remove colour and unpleasant odour as far as practicable 50 20 20 (B) Emission Standard: The emission norms shall be stipulated in accordance with standards prescribed for boilers. No separate provision shall be made in each of the category. Note : [F. No. Q-15017/20/2015-CPW] Dr. A. SENTHIL VEL, Scientist 'G' The principal rules were published in the Gazette of India, Extraordinary, Part 11, Section 3, Sub-section (i) vide number S.O. 844 (E), dated the November, 1986 and last amended vide notification number G.S.R. 593(E), dated the 20 June, 2018. RAKESH Digitallysignedby RAKESH SUKUL Date. 2018.07.11 SUKU Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi- 1 10064 and Published by the Controller of Publications, Delhi- 110054.

