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 emissions standard.]

S. No.	Industry	Parameter	Standards
1	2	3	4
5.	**Thermal Power Plants**		Maximum limiting concentration, milligrams per litre (except for pH and temperature)
	Condenser Cooling waters (once through cooling system)	pH	6.5-8.5
		Temperature	Not more than 5 ^{0}C higher than the intake water temperature
		Free available chlorine	0.5
	Boiler blow down	Suspended Solids	100
		Oil and Grease	20
		Copper (total)	1.0
		Iron (total)	1.0
	Cooling tower blow down	Free available chlorine	0.5
		Zinc	1.0
		Chromium (total)	0.2
		Phosphate	5.0
		Other corrosion inhibiting material	Limit to be established on case by case basis by Central Board in case of Union territories and State Board in case of States.
	Ash pond effluent	pH	6.5-8.5
		Suspended solids	100
		Oil and Grease	20
[1][5A.	**Thermal Power Plant (Water Consumption Limit)**	**Water consumption**	I. All Plants with Once Through Cooling (OTC) shall install Cooling Tower (CT) and achieve specific water consumption upto maximum of 3.5m^3/MWh within a period of two years from the date of publication of this notification. II. All existing CT-based plants reduce specific water consumption upto maximum of 3.5m^3/MWh within a period of two years from date of publication of this notification. [2]{III. Specific water consumption shall not exceed maximum of 3.0 m^3/MWh for new plants installed after the 1st January, 2017 and these plants shall also achieve zero waste water discharged}.

[1] Inserted by S.O. 3305(E), dated 07th December, 2015 serial no. 5A and their entries relating thereto

[2] Substitute by G.S.R. 593(E), dated 28th June, 2018

[1][5B.	**Thermal Power Plant (water consumption limit) using sea water**	**Water Consumption**	Items I to III in column 4 in serial number 5A above shall not be applicable to the Thermal Power Plants using sea water]

STANDARDS FOR DISCHARGE OF EFFLUENTS FROM TEXTILE INDUSTRY

S. No.	**Industry**	**Parameter**	**Standards** (applicable for all modes of disposal*)
1	**2**	**3**	**4**
[2][6	All Integrated textile units, units of Cotton/Woollen /Carpets/Polyester, Units having Printing/ Dyeing/Bleaching process or manufacturing and Garment units.	**Treated Effluents**	Maximum concentration values in mg/l except for pH, colour, and SAR
		pH	6.5 to 8.5
		Suspended Solids	100
		Colour, P.C.U. (Platinum Cobalt Units)	150
		Bio-Chemical Oxygen Demand [3 days at 27 °C] (BOD_3)	30
		Oil and Grease	10
		Chemical Oxygen Demand (COD)	250
		Total Chromium as (Cr)	2.0
		Sulphide (as S)	2.0
		Phenolic Compounds (as C_6H_5OH)	1.0
		Total Dissolved Solids, Inorganic (TDS)	2100**
		Sodium Absorption Ratio (SAR)	26**
		Ammonical Nitrogen (as N)	50
	Notes: 1. *In case of direst disposal into rivers and lakes, the Central Pollution Control Board (CPCB) or State Pollution Control Board/Pollution Control Committees (SPCBs/PCCs) may specify more stringent standards depending upon the quality of the recipient system. 2. **Standards for TDS and SAR shall not be applicable in case of marine disposal through proper marine outfall. 3. The treated effluent shall be allowed to be discharged in the ambient environment only after exhausting options for reuse in industrial process/irrigation in order to minimise freshwater usage. 4. Any textile unit attached with the Common Effluent Treatment Plant (CETP) shall achieve the inlet and treated effluent quality standards as specified in serial number 55 of Schedule-I to the Environment (Protection) Rules, 1986 and shall also be jointly and severally responsible for ensuring compliance. 5. The standalone Micro, Small and Medium Enterprises (MSMEs) as per the MSME Development Act, 2006 shall meet the values specified above.		

[1] Inserted by G.S.R. 593(E) dated 28th June, 2018 serial no. 5A and their entries relating thereto

[2] Subs. By G.S.R. 978(E) dated 10th October, 2016 for Serial No. 6 and their entries relating thereto