

**DELHI POLLUTION CONTROL COMMITTEE**

Department of Environment, Govt. of NCT of Delhi
4th, 5th & 6th Floor, ISBT Building, Kashmere Gate, Delhi-110006
visit us at <http://dpcc.delhigovt.nic.in>

F. No. DPCC/ WMC-II / CETP Inlet Standards /2020/9026-9035

Dated: 02-03-2022

ORDER

Whereas, vide Notification No. S.O. 4 (E) Dated 01.01.2016, Ministry of Environment, Forest and Climate Change (MoEF & CC), Govt. of India, has notified the Treated Effluent Quality Standards for Common Effluent Treatment Plants (CETP) and mandated that for each CETP, the State Pollution Control Board will prescribe Inlet Quality Standards for General Parameters, Ammonical- Nitrogen and Heavy metals as per design of the CETP and local needs & conditions for achieving the same by the constituent units discharging their effluent into the concerned CETP.

And Whereas, Delhi Pollution Control Committee (DPCC) constituted a Committee headed by Member Secretary, DPCC and comprising of Representatives of CPCB, Industries Department, Govt. of NCT of Delhi, DSIIDC, NEERI (from Zonal Center Delhi) and DPCC vide office order dated 03.11.2021 for finalizing the Inlet Standards for CETPs in NCT of Delhi with respect to above mentioned Notification No. S.O.4(E) dated 01.01.2016 of MoEF & CC.

And Whereas, as per the said office order, the Committee was also required to review the Treated Effluent Quality Standards in respect of CETPs notified by MOEF&CC vide said Notification dated 01.01.2016 for prescribing the Stringent Standards for Treated Effluent Quality in respect of CETPs in NCT of Delhi keeping in view the proposed upgradation of CETPs with the objective of Reuse/ Recycle of treated waste water from CETPs.

And Whereas, meetings of the said Committee were held on 12.11.2021, 15.12.2021 & 07.01.2022 and various issues related to prescribing Inlet Quality Standards for CETPs in Delhi and stringent standards for Treated Effluent keeping in view the proposed upgradation of CETPs with the objective of Reuse/ Recycle of treated waste water from CETPs were discussed and deliberated in these meetings.

And Whereas, the said Committee has finalized & prescribed the Inlet Water Quality Standards for All the 13 CETPs in NCT of Delhi including General Parameters, Ammonical-Nitrogen and Heavy metals which are to be achieved by Individual constituent Industry /Unit discharging its effluent in the concerned CETP.

And Whereas, the said Committee has also finalized & prescribed standards for Treated Effluent Quality for All the 13 CETPs in Delhi in respect of the Parameters which have been made stringent than prescribed in the notification of MoEF&CC dated 01.01.2016, for upgradation of CETPs / New CETPs in Delhi with the objective of Reuse/Recycle of treated waste water from CETPs.

In view of the above and as decided by the Chairman, DPCC, following are the Prescribed Inlet Water Quality Standards for All the 13 Common Effluent Treatment Plants (CETPs) in NCT of Delhi, to be achieved by Individual constituent Industry / Unit discharging its effluent in the concerned CETP :

S. No.	Parameters	Prescribed Standard [Maximum Permissible Values / Concentration] (in mg/l except pH)
1.	pH	5.5 - 9.0
2.	Oil & Grease	20

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3.	Total Suspended Solids (TSS)	600
4.	Fixed Dissolved Solids(FDS)	2100*
5.	Bio-Chemical Oxygen Demand (BOD) (3 days at 27°C)	300
6.	Chemical Oxygen Demand (as COD)	750
7.	Phenolic Compounds (as C ₆ H ₅ OH)	5.0
8.	Ammonical Nitrogen (as N)	50
9.	Cyanide(as CN)	2.0
10.	Chromium (Hexavalent) (as Cr ⁺⁶)	2.0
11.	Chromium (Total)(as Cr)	2.0
12.	Copper(as Cu)	3.0
13.	Lead(as Pb)	1.0
14.	Nickel(as Ni)	3.0
15.	Zinc(as Zn)	15
16.	Arsenic (as As)	0.2
17.	Mercury(as Hg)	0.01
18.	Cadmium(as Cd)	1.0
19.	Selenium(as Se)	0.05
20.	Fluoride(as F)	15
21.	Boron (as B)	2.0
22.	Phosphates (as P)	15
23.	Sulphides (as S)	5

- Note: 1.** Above mentioned Prescribed Inlet Water Quality Standards for CETPs in Delhi (at S.No. 1 to 21 except S.No. 3, 4, 5 & 6) are as mentioned in Inlet Effluent Quality Standards for CETP issued by MoEF vide G.S.R. 93 (E) dated 21.02.1991 (w.e.f. 27.02.1991) except Temperature and Radioactive Materials (Alpha Emitters & Beta Emitters).
- 2.** Parameters Total Suspended Solids (TSS) (at S.No. 3), Bio-Chemical Oxygen Demand (BOD) (at S.No. 5) and Chemical Oxygen Demand (COD) (at S.No. 6) have been prescribed based on the recommendations of NEERI and as decided in the meeting of the Committee on 15.12.2021
- 3.** Parameters Phosphates (at S.No. 22) & Sulphides (at S.No. 23) have been prescribed keeping in view the grim situation of pollution in river Yamuna in Delhi.
- 4.** All the Industries/ Units discharging their effluent in the CETPs shall mandatorily comply with the above mentioned Prescribed Inlet Water Quality Standards for CETPs in Delhi. However, wherever Delhi Pollution Control Committee (DPCC) has prescribed more stringent standards than the above mentioned Prescribed Inlet Water Quality Standards for CETPs in respect of the Activities mentioned under Schedule I of the Environment (Protection) Rules, 1986, as amended to date, the same shall be applicable for compliance by the Industries / Units.
- 5.** Maximum Permissible Fixed Dissolved Solids (FDS) contribution by constituent units of a Common Effluent Treatment Plant (CETP) shall be 1000 mg/l. Wherever Fixed Dissolved Solids (FDS) concentration in raw water used by the constituent units of CETP is upto 1100 mg/l, the permissible standards for Fixed Dissolved Solids (FDS) shall be maximum 2100 mg/l for discharge of effluent by such constituent units into the CETPs.
- *In cases where Fixed Dissolved Solids (FDS) concentration in raw water used by the constituent units is already high (i.e. more than 1100 mg/l) then the maximum permissible value for Fixed Dissolved Solids (FDS) in treated effluent shall be Fixed Dissolved Solids (FDS) in Raw water + 1000 mg/l maximum value upto 3100 mg/l.
- 6.** Ground water extraction and management in NCT of Delhi is regulated as per the provisions of the Notification Dated 12.07.2010 issued by Environment Department, Govt. of NCT of Delhi, as amended to date. As per the said Notification, it is mandatory to take permission of the Competent

Authority, i.e. Delhi Jal Board / New Delhi Municipal Council (NDMC) (as per the area of jurisdiction) prior to groundwater drawl from Borewell and therefore, Industries/ Units are not permitted to draw Groundwater from Borewells without permission of the Competent Authority.

Following are the prescribed standards for Treated Effluent Quality for All the 13 CETPs in Delhi in respect of the Parameters which have been made stringent than prescribed in the notification of MoEF&CC dated 01.01.2016, for upgradation of CETPs / New CETPs in Delhi with the objective of Reuse/Recycle of treated waste water from CETPs, as given below :

S. No	Parameters	Existing Standards for Discharge into inland surface water (Maximum Permissible Values) (mg/l) (As per Notification of MoEF&CC S.O.4(E) dated 01.01.2016)	Prescribed Standards for Treated Effluent Quality for Upgradation of CETPs/ New CETPs in Delhi (Maximum Permissible Values) (mg/l)
1.	Total Suspended Solids (TSS)	100	10
2.	Bio-Chemical Oxygen Demand (BOD)(3 days at 27°C)	30	10
3.	Chemical Oxygen Demand (COD)	250	50
4.	Ammonical Nitrogen	50	5
5.	Total Kjeldahl Nitrogen (TKN)	50	10
6.	Phosphates (as P)	5	2

Above prescribed standards are applicable for upgradation of CETPs/ New CETPs only. Standards prescribed by MoEF&CC vide Notification S.O.4(E) dated 01.01.2016 in respect of other parameters mentioned under "Treated Effluent Quality Standards" for CETPs shall remain same and applicable for all the CETPs in Delhi.

In case of existing operational CETPs in Delhi (till their upgradation) Standards prescribed by MoEF&CC vide Notification S.O.4(E) dated 01.01.2016 in respect of all the parameters mentioned under "Treated Effluent Quality Standards" for CETPs shall be applicable.

This order will come into force with immediate effect & shall be complied by all the concerned including Industries / Units in the Industrial Areas connected with Common Effluent Treatment Plants (CETPs) in Delhi and shall be strictly enforced by the Consent Management Cells of DPCC.

(Sanjeev Khirwar)
Chairman, DPCC

To,

1. All Incharges of Consent Management Cells in DPCC.
2. Incharge WMC II, DPCC
3. Incharge Water Lab, DPCC

Copy to : For Information and Necessary Action

1. The Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi -110032
2. The Commissioner of Industries, Department of Industries, Govt. of NCT of Delhi, 419, Udyog Sadan, FIE, Patparganj, Delhi – 110092
3. The Managing Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. N-36, Bombay Life Building, Connaught Circus, New Delhi – 110001
4. The Chief Executive Officer, Delhi Jal Board, Varunalaya Ph-II, Jhandewalan, Karol Bagh, Delhi-110005
5. Member Secretary, DPCC
- ✓ 6. Incharge IT Cell, DPCC – For uploading the above mentioned order on the website of DPCC
7. All CETP Societies / Operator of CETPs in Delhi.

(Sanjeev Khirwar)
Chairman, DPCC