



By Speed Post

F. No. B-190194/WQM-II/CPCB/Others /2017-18/ 9844

08-08-2018

14

To

M/s Anod Plasma Spray Ltd.,
103, 104, Upton Estate,
Panki, Kanpur, U. P.

DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of emission and effluent standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof; and

WHEREAS, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharged standards as notified under the Environment (Protection) Act, 1986 and the rules framed there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs)/Pollution Control Committees (PCCs); and

WHEREAS, M/s Anod Plasma Spray Ltd. 103, 104, Upton Estate, Panki, Kanpur, UP (hereafter referred to as the 'Unit') is involved in making of aluminium collapsible tube, Rotogravure, Printing cylinders, Plasma coating and Copper & Chromium plating with installed capacity of 10 Nos. cylinders/day and 30000 aluminium collapsible tubes/day; and

WHEREAS, the unit was inspected under the order of Hon'ble NGT dated 13.07.2017 in the O.A no. 200 of 2014 by the joint team of officials from NMCG, CPCB and UP PCB on 18.08.2017; and

WHEREAS, CPCB issued show cause notice dated 05-10-2017 to the unit under section 5 of environment (Protection) Act, 1986; and

WHEREAS, the unit was inspected by the official of the CPCB on dated 23.11.2017 and observed the following:

1. The unit falls under Electroplating category.
2. The unit was found operational at the time of inspection.
3. The unit is mainly engaged in manufacturing of Aluminium collapsible tube, Rotogravure printing cylinders & job works (special welding, heat treatment, plasma coating & Cu-Cr plating).
4. It is found that most of the work of the unit is dry except copper & chromium plating unit.

Cont....

-2-

5. Housekeeping was found poor.
6. The unit consumes 4 to 6 kl/day of fresh water for their electroplating process.
7. The unit has applied for the permission of ground water extraction from CGWA.
8. The consent under Air & Water act of the unit expired on 31.12.2017.
9. The unit has an operational ETP (Physiochemical based) of 9-kld capacity for the treatment of effluent generated in the plant.
10. ETP of the unit is operated in batch wise. The unit initially collect effluent at least 4-6 kld in equalization tank before restart treatment process in the ETP.
11. As per inspection report, the unit has installed only an EMF at the outlet of the ETP, which was connected to the CPCB server.
12. The ETP samples was collected and analytical results indicated that unit was not complying w.r.t. Suspended Solids: **179 mg/l** (as against norms of 100 mg/l), Total Metal: **18 mg/l** (as against norms of 10mg/l), Cr VI: **3.19 mg/l** (as against norms of 0.1 mg/l) , and Total Cr: **13.8 mg/l** (as against norms of 2 mg/l).

AND WHEREAS, CPCB issued closure directions dated 16-01-2018 to the unit under section 5 of environment (Protection) Act, 1986; and

WHEREAS, the unit's reply vide letter dated 13.02.2018 was examined and following observations are made:

1. The unit has incorporated Hexavalent chromium reduction tank and 2 settling tanks, one is reaction come settling tank and another hoper shaped settling tank.
2. The unit has installed RO system for recycle of treated water and conservation to zero liquid discharge.

AND WHEREAS, the unit was inspected by the official of CPCB on 05.04.2018 and observed the following observations are made:

1. On the day of inspection, the unit was found operational.
2. The unit (M/s Anod Plasma Spray Ltd. 103, 104, Uptron, Estate, Panki, Kanpur, UP) was mainly engaged in manufacturing of aluminium collapsible tube, Rotogravure printing cylinders and job works (special welding, heat treatment plasma cotton and Cu – Cr plating).
3. As per inspection report, most of the work of the unit is dry except Cu-Cr plating.
4. As per the log book maintained at the unit consumes 4 to 6 KLD of fresh water for their electroplating process.
5. The unit has applied for the permission of ground water extraction from CGWA.
6. The consents of the unit under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution), Act 1981 were expired on 31.12.2017 and unit has applied for renewal of consents.
7. Authorization for handling of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, is valid upto 19.11.2022.
8. The unit has upgraded their old ETP to ZLD ETP through physicochemical treatment followed by RO treatment. During visit, the upgraded ETP based on ZLD was found operational and there was no Discharge to outside the factory.
9. The existing upgraded ETP of the unit consist of bar screen, equalization tank, reduction tank, reaction tank 1, reaction tank 2, Neutralization tank, pressure site filter, RO unit, treated water storage tank for permeate and reject water send back to equalization tank, sludge drying bed (6nos.)

Cont....

-3-

10. ETP of the unit is operated in batch wise. The unit initially collect effluent at least 4-6 KL in equalization tank before restart the treatment process of the ETP.
11. The unit has been installed an EMF with in the ZLD based upgraded ETP system and PTZ camera which was connected to the CPCB server.
12. Totalizer reading of flowmeters installed at ETP and bore well were found 2319.0 m³ and 8477.9 m³ respectively.
13. Logbooks of flowmeters were found maintained by the unit on plain notebook, which was not proper.

AND WHEREAS, CPCB constituted a Three-member committee vide office order dated 27.09.2017 having representative from CPCB, MoEF & CC and NMCG for examination and recommendation for revocation of the closure direction issued by CPCB; and

WHEREAS, Three member committee in its meeting held on 12.07.2018 examined the replies of the unit and recommended that the unit may be allowed to resume operation and comply with the following;

1. The unit will submit logbook data regularly with regard to RO reject to CPCB.
2. The unit shall provide weekly analysis report of treated effluent to CPCB.

AND NOW, THEREFORE, in view of the above observation, and exercising powers delegated to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, the closure direction dated 16.01.2018 issued to the unit (**M/s Anod Plasma Spray Ltd. 103, 104, Uptron, Estate, Panki, Kanpur, UP**) is hereby revoked and the unit is directed to comply with the following directions:

1. The unit will submit logbook data regularly with regard to RO reject to CPCB on monthly basis for two months.
2. The unit shall provide weekly analysis report of treated effluent of notified parameter to CPCB for 04 weeks.
3. The unit shall ensure to provide continuous OCEMS data connectivity on CPCB server.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action without any further notice, in accordance with the provisions of the Environment (Protection) Act, 1986.



(S. P. SINGH PARIHAR)
CHAIRMAN

16/8/20

Copy to:

1. **Member Secretary**,
Uttar Pradesh Pollution Control Board
Building No. TC-12V, Vibhuti Khand,
Gomati Nagar, Lucknow

: For kind information

Cont....

Amartya

-4-

2. **The Joint Secretary** (CP Division).
Ministry of Environment, Forests & Climate
Change, Indra Paryavaran Bhavan,
Jor Bagh Road, New Delhi - 110 003
For kind information
3. **District Magistrate**
District Kanpur Nagar, U.P.
For information pls.
4. **The Regional Director**,
Northern Regional Office,
Central Pollution Control Board,
PICUP Bhawan, Vibhuti Khand,
Gomati Nagar, Lucknow
For information pls.
5. **Managing Director**
Kanpur Electricity Supply Company Limited
Headquarter, Kesa House,
14/71 Civil Lines, Kanpur
With request to reconnect the
power supply of the unit
6. ✓ The Incharge IT Division, CPCB, Delhi
To upload the direction on
CPCB website.
7. Master copy (Others), WQM-II, CPCB, Delhi


(PRASHANT GARGAVA)
MEMBER SECRETARY