

PUNJAB POLLUTION CONTROL BOARD
Vatavaran Bhawan, Nabha Road, Patiala

No: GPC/Guidelines/RS/SP/F-/2018/ 290

Dated: 15/06/2018

OFFICE ORDER

Whereas scrap is the major raw material in induction furnace units in Punjab. It has been observed that majority of induction furnace units feed unprocessed scrap or non-shredded scrap, which is fed with the charge mix mainly by magnet or in few cases through manual charging mechanism. Further, it has also been observed that the induction furnace units were overfilling the furnace above coil height. Due to this charging practice, the bulk density of the scrap charge is low which results in air pockets (voids) between the scrap pieces that subsequently leads to low power density, ultimately increasing the heat/cycle time, low furnace efficiency and high pollution levels.

To reduce the pollution at source from the induction furnaces and to improve the air quality in the State of Punjab, it has been decided by the Board to get the following actions complied from all the induction furnace units of Punjab:

- The industry shall get its Air Pollution Control Device (APCD) alongwith its collection system evaluated from Punjab State Council for Science & Technology, Chandigarh regarding efficacy, alongwith the side hood design within 15 days.
- After evaluation, APCD and its collection system including hood shall be upgraded /replaced by the industry as per the advice of Punjab State Council for Science & Technology by 31.07.2018.
- The industry shall appoint dedicated staff for operation/maintenance of APCD/ collection system, within one month.
- The industry shall implement the Standard Operating Procedures (SOPs) prepared by Punjab State Council for Science & Technology for APCD in toto so as to achieve the prescribed standards on a regular basis.


Chairman

Endst: 18443-89

Dated: 15/06/2018

A copy of the above is forwarded to the following for information and ensuring necessary compliance of the above:

1. The Chief Environmental Engineer, Punjab Pollution Control Board, Bathinda (HQ at Patiala), Patiala, Ludhiana, Jalandhar & PBIP, Chandigarh.
2. The Chief Environmental Engineer (Head Quarter), Punjab Pollution Control Board, Patiala.
3. The Special Secretary (G & P), Punjab Pollution Control Board, Mohali.
4. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office, Patiala -1/2, Ludhiana 1/2, Jalandhar, Amritsar, Bathinda & PBIP, Chandigarh.

5. The Senior Environmental Engineer, Punjab Pollution Control Board, (Head Quarter 1/2/3), Patiala.
6. The Senior Scientific Officer, Punjab Pollution Control Board, Head Office, Patiala.
7. The Environmental Engineer, Punjab Pollution Control Board, HWM /EPA(BMW)/Mega/Const/CSA, SEAC/SEIAA; Regional Office, Amritsar, Hoshiarpur, Jalandhar/Faridkot/Sangrur/Bathinda/Patiala/Batala/ Fatehgarh Sahib, Ludhiana-1/2/3/4 & SAS Nagar.
8. The Senior Law Officers, Punjab Pollution Control Board.
9. The Scientific Officer (Air), Punjab Pollution Control Board, Head Office, Patiala.
10. All Assistant Environmental Engineers of Punjab Pollution Control Board.
11. The Deputy Control (Finance & Account), Punjab Pollution Control Board, Head Office, Patiala.
12. The Administration Officer-1, Punjab Pollution Control Board, Head Office, Patiala.
13. The PS to Chairman/ PA to Member Secretary.
14. The Environmental Engineer (Computer), Punjab Pollution Control Board, Head Office, Patiala with request to display the order on the website of the Board.



Member Secretary

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