

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437 / 4014701 / 4020781
Fax : 4024068 / 4023516
Website : <http://mpcb.mah.nic.in>.
E-Mail : ms@mpcb.gov.in



KALPATARU POINT, 3rd Floor,
Sion-Matunga Scheme Road No.8,
Opp. Sion Circle, Sion (East)
Mumbai-400 022.

No. MPCB/AS(T)/TB/B- 244 D

Date : 22/05/2015.

To,
M/s Angadpal Industries Pvt. Ltd.,
Plot No. H-4/3, MIDC Tarapur,
Boisar, Tal. & Dist. Palghar,
Maharashtra - 401 506.

Sub:- Permission for operation of Pet Coke fired 6TPH Boiler on trial basis.

- Ref:- 1) Permission for operation of Pet Coke fired 6TPH Boiler on trial basis issued on 08/08/2014
2) Your request letter dtd. 09/02/2015 for grant of further permission to run 6 TPH pet coke fired boiler.
3) Verification visit of sub-group dtd 27/02/2015.
4) Minutes of CAC meeting dtd. 14/05/2015.

The Board has granted permission for installation of Pet Coke fired boiler on trial basis subject to the some conditions vide letter referred at Ref. No.1 above. Further you have made your request letter for grant of further permission to run 6 TPH pet coke fired boiler vide reference no.2 above. Accordingly Sub group of MPCB Official has made verification visit at your unit on 27/02/2015 Vide Ref. 3 above.

Based upon the recommendations of the working group/Committee, it has been decided by the Board to grant temporary permission to you for operation of Pet Coke fired 6TPH Boiler on trial basis for the period of six months i.e. upto 22/11/2015 subject to the following conditions:

1. The applicant shall use premix of lime of various combinations (i.e. 20%,25%30%) with pet coke as a fuel for boiler. The trial run should be carried out under supervision of Sub-Regional Officer & submit report of same.
2. The boiler/ furnace emissions shall conform to SO₂ standards of 400 mg/Nm³ as laid down by the Ministry of Environment & Forests for the small boilers.
3. The industry shall operate well designed two stages de-sulphurization i.e. at combustion stage and for off flue gas emissions.
4. The industry shall operate dry type air pollution control device, such as cyclone/multi-cyclone followed by spray type alkali scrubber and packed bed alkali scrubber. The industry shall use only caustic soda as scrubbing media.
5. The industry shall operate online monitor for SO₂ at the stack of the boiler & submit weekly report to SRO/RO/Head Office.
6. The industry shall operate interlocking of pH meter, scrubber flow pump and online SO₂ monitor with hooter system at the feeding system of boiler, so as to ensure that the feeding system of fuel in the boiler should be stopped once operational parameters exceeds/ fluctuates beyond range, (in case, the pH of the scrubbing media reduces

below 9 and/ or the concentration of SO₂ increases beyond the prescribed standard of 400 mg/Nm³ at any time).

7. The industry shall operate online pH meter on the recirculation tank of scrubbing liquor, from where the said liquor is led to the air pollution control device and ensure that the pH of the feed scrubbing liquor should remain within the range of pH - 10 to 12.
8. The industry shall operate flow meter and pressure gauge at the outlet of the pump used to supply the scrubbing liquor to the alkali scrubber, so as to ensure that the scrubbing liquor is led to all pollution control device at the desired rate and pressure.
9. The industry shall provide a stack of height calculated by using the formula $H=14XQ^{0.3}$ or 30 m whichever is higher.
10. The sludge produced in the recirculation tank of the scrubbing liquor shall be disposed off in an environmentally sound manner.
11. Permission is granted upto 22/11/2015 only for use of Pet Coke (premix with lime) on trial/ testing basis. The applicant shall stop using Pet Coke after the completion of trial period, unless otherwise permitted.
12. The Pet Coke received shall be used only for the purpose of trial run within unit, and not for any other purpose.
13. The applicant shall diligently operate the scrubbing system & maintain it in proper order, during the trial run and shall submit performance/ monitoring report to M.P.C. Board fortnightly basis.
14. The applicant shall get verified the compliance of the conditions of provisions of air pollution control systems, interlocking & hooter systems from Sub-Regional Officer, Tarapur-II before commencement of actual operation of the pet coke fired boiler.
15. This Board reserves the right to amend, revoke or add any conditions in this Permission Letter and same shall be binding on the applicant.
16. This Permission should not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deem fit necessary.
17. This Consent is issued pursuant to the decision of the Consent Appraisal Committee meeting held on 14/05/2015.


(P.K. Mirashe)
Member Secretary

Copy for information to:

1. Asst. Sec. (Tech.)/Sr. L.O./J.D.(W.P.C.)/J.D.(A.P.C.)/P.S.O/R.O.(HQ), M.P.C. Board, Mumbai.
2. Regional Officer (Thane)/Sub-Regional Officer (Tarapur-I), M.P.C. Board, Thane.

-For information & necessary follow-up.