



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEEDPOST

CPCB/PCI-II/AI/OMS/ 10202

14/09/2017

To

The Unit Head
M/s ANRAK Aluminium Limited
Makavarapalem Mandal,
Dist.-Visakhapatnam, Andhra Pradesh

Sub. : Directions under Section-5 of the Environment (Protection) Act, 1986 regarding Non-compliance- Directions thereof.

Ref :

- i. CPCB's direction No. CPCB/PCI-II/AI/OMS/5153, dt. 23rd July, 2015.
- ii. AAL's letter No. AAL/SHE/14/03/2015, dt. 19th August, 2015
- iii. AAL's letter No. AAL/SHE/38/04/03/2016, dt. 3rd March, 2015

WHEREAS, the primary aluminium industries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, there is need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by methods like installing online effluent and emission monitoring devices; and

WHEREAS, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle'; and

WHEREAS, direction under section-18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. PM & SO₂ parameters and online effluent monitoring system w.r.t. pH, BOD, COD & TSS in copper industries; and

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M/s ANRAK Aluminium Ltd., Makavarapalem, Visakhapatnam, Andhra Pradesh

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, it was clarified that flow meter & web camera be installed in case of units with zero liquid discharge (ZLD) by March 31, 2015 vide Guidelines dtd. 07.11.2014 as uploaded on website of CPCB; and

WHEREAS, The Ministry of Environment, Forest and Climate Change , 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 under section 5 of the Environment (Protection) Act, 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 the Standards and Rules notified under the Environment (Protection) Act, 1986 and amendment thereof; and

WHEREAS, to this effect and exercise of powers vested under section 5 of the Environment (Protection) Act, 1986, CPCB had served a number of Notices / Directions to the industry during 2015-2016 as referred above including series of meetings and CPCB Directions dated 23/07/2015 for compliance of the following by the industry:

1. The Unit shall submit documentary evidence regarding status of installation of online emission & effluent monitoring system.
2. The Unit shall submit the status on connectivity for submission of online 24x7 monitoring data to SPCBs/PCCs and CPCB.
3. The Unit shall submit the details as per Annexure-I through
 - (a) E-mail id - cems.cpcb@nic.in
 - (b) Uploading the data on the link provided on CPCB Website (www. cpcb.nic.in) and
 - (c) By speed post

to the Member Secretary, Central Pollution Control Board.

WHEREAS in response to the above show cause notice your industry sent the above referred letter dated 19/08/2015 indicating that you have already constructed a refinery in the 1st phase which is yet to be commissioned for want of bauxite, even though the Unit has the provision & necessary approval for a smelter plant also. Your response also expresses your willingness for installing web camera and flow meter as required for a ZLD Unit; and; and

WHEREAS, based on all material facts available with CPCB and in exercise of powers vested under Section-5 of the Environment

(Protection) Act, 1986, CPCB served Directions notice dated 09/02/2016 directing the industry to comply with the following directions:

- (a) The Unit shall not undertake commissioning/operation of its refinery unit as well as smelter unit (whenever constructed) without compliance of the directions issued vide CPCB's notice dated 23/7/2015 regarding installation of online emission and effluent monitoring systems as applicable for aluminium industry. The Unit shall provide documentary evidence/photographs to this effect.

Whereas, in response to the above Notice M/s ANRAK Aluminium Limited replied vide its letter dated 03/03/2016 reporting that the Smelter plant and Alumina Refinery is yet to be commissioned for want of Bauxite Ore. However, the Co-Gen power plant is operating and hence industry has already installed Online Emission Monitoring System, and the same connected to PCB & CPCB server; and

WHEREAS, the SMS alerts are supposed to be generated and sent to concerned dealing officer in CPCB as well as in plant whenever concentration of any pollutant exceeds the limit as prescribed. However, in case of M/s ANRAK Aluminium Limited, Makavarapalem Mandal, Dist.-Visakhapatnam, Andhra Pradesh large number of SMS alerts have been generated during Jan-Apr, 2017; and

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from CPCB, Regional Directorate-South, Bengaluru carried out an inspection of M/s ANRAK Aluminium Limited, Makavarapalem Mandal, Dist.-Visakhapatnam, Andhra Pradesh on 18/06/2017 and made following observations requiring attention:

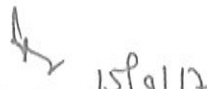
1. CTO (renewal) is valid upto 31.8.2017 to operate Alumina refinery (1.5 Million Ton per Annum) and Co-generation power plant (150 MW).
2. Alumina Refinery is not in operation due to non-availability of raw materials (bauxite) since 2013 and power plant stopped operation since Sep 2016.
3. ETP facility available for treatment of effluent and reuse the treated wastewater in dust suppression and green belt development but presently not in operation.
4. The unit is to comply ZLD and installed but not connected flow meter. No web-camera installed as per CPCB guidelines.
5. Installed online emission monitoring system at 2 stacks attached to power plant but presently offline due to non-operation of unit.

6. Total area of the unit 1626 acres including 540 acres of green belt.
7. Installed one CAAQM station to measure PM10, PM2.5, CO, SO2 and NOx and connected to APPCB server.
8. About 2.5 lakh ton of bauxite and 400 Ton of coal stored in open. As per EC condition, the unit is suppose to utilize Pet-Coke and imported coal in 70:30 ratio but not followed this condition when in operation during 2015-17 as coal consumption was more than pet-coke.
9. Provided 2 fly ash silos (each 2000 m3) and 1 bottom ash silo (360 m3) for storage purpose.
10. Two entries in the name of M/s. Anrak Aluminium Ltd are displayed in the CPCB server (S. No.1 related to corporate office, Hyderabad and S. No. 2 related to industry, Visakhapatnam).

NOW THEREFORE, based on the observations made by CPCB inspection team and all material facts available with CPCB and in exercise of powers vested under Section-5 of the Environment (Protection) Act, 1986 to Chairman, CPCB, this notice is hereby served directing the industry to comply with the following directions by 30/09/2017:

1. To restart manufacturing process only after the installation / connectivity of online effluent and emission monitoring system to SPCB/CPCB as per CPCB's guidelines.
2. To ensure proper operation and maintenance of ETP so as to achieve ZLD through reuse/recycle of treated effluent.
3. To ensure proper storage of raw materials such as bauxite, coal, etc to avoid pollution.
4. To ensure compliance of EC condition including use of coal, pet-coke, etc.
5. To update the industry details in CPCB server and to remove duplicate entry of corporate office records.
6. To dispose fly-ash as per conditions stipulated in CTO/guidelines.

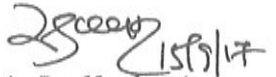
You are directed to comply with the above directions and submit your compliance status along with undertaking/letter of assurance to this office within 15 days from the date of issue of this notice. In case of failure to comply with the said directions necessary action as deemed fit under the provision of the Environment (Protection) Act 1986 will be taken by CPCB.


(S.P.S. Parihar)
Chairman

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Copy to:

1. The Chairman : For follow-up & compliance,
Andhra Pradesh Pollution Control please
Board
Paryavarana Bhavan, A-3 Industrial
Estate,
Sanath Nagar, Hyderabad - 500 018
2. The Regional Director (South) : For follow-up & compliance,
Central Pollution Control Board, please
1st & 2nd Floors, Nisarga Bhavan,
A-Block, Thimmaiah Main Road,
7th D Cross, Shivanagar,
(Opp. Pushpanjali Theatre)
Bengaluru-560010 (Karnatka)
3. The Additional Secretate - CP
Division
Ministry of Environment, Forest and
Climate Change
Indira Paryavaran Bhawan, Jorbagh
Road
New Delhi - 110003
4. ✓ Divisional Head IT Division
CPCB, Delhi
5. Divisional Head IPC- VI Division
CPCB, Delhi


(A. Sudhakar)
Member Secretary

