

BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI

Original Application No. 182 of 2021(SZ)

With

Original Application No. 143 of 2020(SZ) &

I.A. Nos. 106 of 2020 & 99 of 2022 (SZ)

IN THE MATTER OF:

Mahesh Kumar, Ernakulam.

...Applicant(s)

Versus

Kerala State Pollution Control Board and Ors

...Respondent(s)

With

K. K. Muhammed Iqbal

...Applicant(s)

Versus

Kerala State Pollution Control Board and Ors.

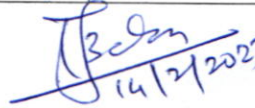
...Respondent(s)

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Place: Bengaluru

Date 14/02/2023


14/2/2023

(J. Chandra Babu)

Regional Director

Central Pollution Control Board

Regional Directorate, Bengaluru

Filed through Counsel



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Report on Management of Jarosite in Industries involved in primary
production of Zinc from Ore

The Hon'ble NGT, Southern Zone in the matter I.A No. 99/2022 in O.A No. 143/2020 vide its order dated 09/01/2023 has directed that:

"... 4. The authorities may also examine the technology stated by the applicant and file a viability report as to whether what is stated by the applicant is possible by discussing the pros and cons.

5. In the meanwhile, the Central Pollution Control Board is also directed to file its report and if the existing guidelines are obsolete, it may also re-visit the guidelines to suit the latest technology and development in the field..."

In this regard, it is submitted that, as per Schedule-I of Hazardous and Other wastes (management and Transboundary Movement) (HOWM) Rules, 2016, Jarosite has been categorized as High-Volume Low effect waste (HVLE) and required to be managed as per the CPCB guidelines. The said provision is reproduced below:

"The high volume low effect wastes such as fly ash, Phosphogypsum, red mud, jarosite, Slags from pyrometallurgical operations, mine tailings and ore beneficiation rejects are excluded from the category of hazardous wastes. Separate guidelines on the management of these wastes shall be issued by Central Pollution Control Board."

Currently there is no existing guidelines on management of Jarosite under (HOWM) Rules, 2016. However, CPCB has initiated the process of developing the "Guidelines on Handling and Management of Jarosite", for which a Technical Expert Committee (TEC) has been constituted.

CPCB teams have also conducted field visits and collected samples to study the existing management practices in operating units as well as in closed industrial units where Jarosite was land filled.

The guidelines are being prepared on the basis of field visits, sample analysis and review of existing national and international management practices. The guidelines will include provisions for environmentally safe handling, storage, utilization and disposal of Jarosite, including the options for utilization in Cement manufacturing, Road Construction, recovery of Iron & other heavy metals, etc.

The proposed guidelines are under preparation and will be issued after receiving comments from public and concerned stakeholders.

Place: Bengaluru
Date 14/02/2023



(J. Chandra Babu)
Regional Director
Central Pollution Control Board
Regional Directorate, Bengaluru



J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903