

F. No. CCT-13011/3/2007-CA-I(Vol-III)
Government of India
Ministry of Coal

Room No. 622-A, Shastri Bhawan, New Delhi,
Dated: 27th May, 2021

To,
The Coal Controller,
Coal Controller's Organisation,
Council House Street,
Kolkata-700001

Subject: Policy for Handling & Disposal of Washery Rejects

Sir,

The proposal of Handling & Disposal of Coal washery Rejects has been under examination in this Ministry and with the approval of Competent authority, the policy for Handling & Disposal of Washery Rejects has been framed. The present Policy will regulate the handling and disposal of Coal Washery Rejects in a uniform manner and will be applicable on all coal Washeries.

Policy for Handling & Disposal of Washery Rejects

1. Objective

- a. To define coal washery rejects
- b. To facilitate conservation of energy through environment friendly extraction of residue energy from coal washery rejects
- c. To regulate the use of coal rejects with an aim to minimize the pollution footprint
- d. To decide the ownership of rejects in different modes of washery operations
- e. To ensure stacking of rejects, dumping of rejects in mine voids/low lying areas in environment friendly manner
- f. To provide for a mechanism for monitoring and control

2. Some of the key terms - defined

- 2.1 **Coal Washery Rejects (CWR)** are the by-product of Coal Washeries with Gross Calorific Value (GCV) less than 2200 kcal/kg.
- 2.2 **High Calorific Value (HCV) coal Washery Rejects** are rejects with GCV equal to or in excess of 1500 kcal/kg.

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- 2.3 **Low Calorific Value (LCV) coal Washery Rejects** are rejects with GCV less than 1500 kcal/kg.
- 2.4 **Owner of CWR** shall be the party, which owns the raw coal supplied to the Washery. Hereinafter, the term **Owner** shall be used for the owner of CWR.
- 2.5 **Deemed Owner of CWR** Any rejects generated due to washing that cannot be utilised by the owner may be sold to washery operator and in such case the washery operator will be deemed owner of CWR.

3. Stacking of CWR

- 3.1 Owner/deemed owner shall ensure that LCV and HCV Rejects are stacked separately at appropriate sites selected as per environmental guidelines issued in this regard.
- 3.2 Each stacking site shall be properly levelled, surveyed and a grid plan shall be prepared showing RLs at 15 m interval.
- 3.3 During stacking of CWR, all environmental and safety guidelines shall be followed. Due precautions shall be taken against spontaneous heating.
- 3.4 The Owner/deemed owner shall get the average GCV of each stock examined as per the guidelines issued by CCO in this regard.
- 3.5 Monthly records shall be maintained in respect of each stock of CWR showing the opening stock, amount of CWR received in and despatched from the stock during the month, closing stock, average GCV and other relevant details.
- 3.6 The owner/ deemed owner will ensure disposal of rejects as specified in EC conditions.

4. Disposal of CWR

4.1 Prioritizing conservation -Extraction of energy from the HCV rejects

- 4.1.1 As Indian coal is inherently difficult to wash, the loss in calorific value in rejects is often too high and therefore may be gainfully used as source of energy in CPPs (Captive Power Plants) /TPPs (Thermal Power Plants) for generation of power and other permissible end usages etc.
- 4.1.2 Owners/ deemed owners shall take all possible initiatives to ensure extraction of energy from the generated HCV rejects through its use as source of energy in various environmentally permissible end usages.
This is in line with Rule-27 of Solid Waste Management Rules -

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