

File No:CC/MCBA/POLICY/DISPOSAL/2008-09/Vol-II.

भारत सरकार

Government of India

कोयला मंत्रालय, कोयला नियंत्रक का कार्यालय

Ministry of Coal, Office of the Coal Controller

Scope Minar, 5th Floor, Core-II,
Laxmi Nagar, Delhi-110092

Dated 17/12/2021


To

Sub: Seeking Comments on "Standard operating procedure (SOP) for maintenance, reporting and seeking permission for disposal of rejects".

Sir/Madam,

I am directed to inform that "Policy for Handling and Disposal of Washery Rejects" has been issued by Ministry of Coal vide F. No. CCT-13011/3/2007-CA-I (Vol-III) dated 27th May 2021. In order to circulate the guidelines / SOP, one meeting has been conducted with stakeholders of Coal Washery and linkage holders who are washing coal under the Chairpersonship of the Coal Controller at Conference Hall, Room No. 321 A wing, 3rd Floor Shastri Bhawan, Ministry of Coal, New Delhi on 13.12.2021.

It is requested to provide your comment(s) on the "Standard operating procedure (SOP) for maintenance, reporting and seeking permission for disposal of rejects" (enclosed) within seven days of issuing date through email (coalcont-wb@nic.in).


17/12/2021
(Shanta Guha)

Deputy Assistant Coal Controller

Copy to:

All Owners and Deemed Owners of Coal Washery,
All linkage holders who are washing coal.
All owners of coal mines.

Copy for information:

Adviser (Project), MOC, Shastri Bhawan, New Delhi- 110 001.

All OSDs, CCO, Delhi, Kolkata & Regional Offices
(DHN/RNC/ASN/SBP/BLP/NGP/KGM).

PS to Coal Controller.

All concerned sections of CCO.

**STANDARD OPERATING PROCEDURE (SOP) FOR MAINTENANCE,
REPORTING AND SEEKING PERMISSION FOR DISPOSAL OF REJECTS**

1. PREAMBLE:

This Standard Operating Procedure should be read in conjunction with the Policy for Handling and Disposal of Washery Rejects laid down under MoC vide F No. CCT-13011/3/2007-CA-I (Vol-III) dated 27.05.2021. Henceforth, the procedure for approval and disposal of washery reject shall be as per the procedure detailed hereunder.

(2) KEY TERMS USED: Terms defined in the MoC Policy letter mentioned in para 1 shall be applicable to this SOP also.

2.1 The washery rejects/ reject(s) would mean the same thing under this SOP.

2.2 The policy mentioned in para 1 above would also be referred as policy of 27.05.2021.

3. DOCUMENTS FOR ESTABLISHING OWNERSHIP:

The reject owner/deemed owner while seeking prior approval of CCO shall submit relevant document establishing the ownership of the reject as defined under the provision 2.4 and 2.5 of the policy dated 27.05.2021 mentioned in para 1 of this SOP.

(4) DISPOSAL OF REJECTS:


The owner/deemed owner shall deal with the use/disposal of rejects as per the policy dated 27.05.2021 following all extant rules and regulations.

5. MAINTENANCE OF RECORDS:

Owner/Deemed owner of the reject shall maintain the record of coal supplied to washery/ washeries and rejects received under HCV and LCV categories separately and rejects allowed to be retained by washery in terms of policy dated 27.05.2021. Owner/ Deemed owner shall also maintain record of consignee wise quantity of rejects dispatched along with mode of transport of rejects. The details of the rejects disposed off under different modes mentioned in para 4.1, 4.2 & 4.3 of policy dated 27.05.2021 should be readily available with owner/deemed owner of the reject for verification, by the officials of Coal Controller Organization preferably in a non-editable mode.

6. RECORDING AND REPORTING OF COAL RECEIVED AND WASHERY PRODUCT GENERATED IN WASHERY:

6.1 Monthly Report: The washery operator shall submit a report in Form 1 through any secured electronic platform. Preference could be given for integrated system of weighment & report generation through IT enabled interface.


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6.2 Record Keeping: The washery operator shall maintain date-wise data required in the Form 2 in a "Bound Paged Book" and/ or in any secured electronic platform.

6.3 Annual Report: The washery operator shall submit Annual return of physical stock covering the details of the rejects generated and disposed in Form-1. Coal Controller's Organisation may at any time verify the physical stock with the return submitted to the Coal Controller's office.

7. PREPARATION OF REJECT STACK YARD.

Before starting of dumping rejects in the washery stack yard the washery operator shall get the plan of the stack yard certified by third party agency like educational institute of repute, CMPDIL or any such party empaneled by CIL/SCCL and submit a copy of the same to Regional office of CCO in electronic form. This applies to stackyards being maintained by the existing washery operators also from the date of issue of this Standard Operating Procedure. The requirement of dumping area and the relevant details to be shown on the plan is as under:

- o Reject stack yard should be made preferably on concrete platform.
- o The ground on which reject is likely to be stacked shall be properly surveyed and levels at 10-meter interval shall be taken. At least six B.M. pillars in straight lines, 90 degrees apart at suitable intervals, around the proposed stacking place around stockyards shall be constructed. The pillars shall be numbered. All rejects shall be stacked at pre-fixed locations and pillars should have 3D co-ordinates.
- o All Washery plant shall maintain contour plan of the stacking areas where stocks are to be stacked. Initial RL of the stack yard should be taken by the owner of the washery plant.
- o The owner/deemed owner shall submit duly certified plans of the washery plant stack yard prior to dumping of reject in the stack yard.
- o The plan of the stack yard shall be drawn on plain paper used in plotter or on polyester paper of suitable micron on a suitable scale either 1:500 / 1:1000 / 1:2000. The number / nomenclature of pillar / Survey Station shall be recorded on the plan.
- o A copy of the plan prepared and certified by the third party like educational institute of repute, CMPDIL or any such party empaneled by CIL/SCCL shall be submitted by the washery operator under signature of the third party and washery operator.
- o CCO may get verified the RL randomly by any Scientific agency (as approved by / designated by CCO for this purpose) at cost of the owner / deemed owner of the rejects. A copy of the plan shall be submitted at the time of application for permission for disposal of reject.
- o Reject Stack yard plan shall be submitted at the time of application for permission of disposal of rejects.
- o Changes in location/condition of stackyard must be brought to the notice of Coal Controller.

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o Coal and Reject stock shall be stacked grade-wise separately.

8. CONVERSION OF WEIGHT TO VOLUME AND VICE-VERSA FOR COAL/PRODUCT (S) FROM WASHERY

The conversion factor shall be determined as per the procedure described below:

A. The Washery operator shall have to submit conversion factor for HCV (GCV 1500 - 2200 kcal/kg), LCV (GCV less than 1500 kcal/kg) separately. The conversion factors shall be determined grade wise separately.

B. Conversion factor of loose & compact rejects shall be assessed by CCO approved/designated scientific agency (Academic institutions of repute, NEERI, CIMFR, CMPDIL etc.) having no interest in the washery operations.

C. While submitting the application for permission for disposal of reject the owner of the washery reject shall have to submit the conversion factor duly assessed by prescribed CCO approved/designated scientific agency.

D. Possibility of use of scientific method for determination of Conversion factor of compact heap by using Nuclear Densitometer, Mechanical Auger etc. should also be explored, till such time above method should be adopted.

9. QUALITY ASSESSMENT

Washery operator shall stack HCV and LCV rejects separately and shall submit application for permission disposal of reject in an environmental friendly manner in the format enclosed along with the assessed GCV of the reject in kg/cal.

Official of CCO shall during the inspection of the washery in response to the application for permission for disposal of reject shall collect sample in line with the procedure Laid Down for coal sampling.

The sample so collected shall be divided into three component. One will remain with washery operator, another with CCO and third component shall be used for dispute resolution i.e referee sample.

The sample so collected by CCO shall be analysed in a NABL or Government accredited lab and the referee sample shall be preserved with CCO, which will be used at the time of any dispute. The cost of the analysis shall be realized from the owner / deemed owner of washery rejects.

10 RESPONSIBILITY OF THE WASHERY OWNER

10.1 It is sole responsibility of the reject owner to ensure that there may not be any difference in quantity of reject dispatched from washery and received by the end user of reject.

10.2 The owner/deemed owner shall facilitate CCO officials in inspection of records and reject

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dump site, drawing of samples of rejects for assessment of quality/GCV, consumer details of the reject, or such other records that is required to be maintained under this guideline etc.

10.3 It is the responsibility of the washery owner to get the conversion factor determined by third party and maintain the copy of the same in his record provided in Form 1.

10.4 The owner/deemed owner shall take initiatives for use of reject in the order of priority envisaged at para 4.

10.4.1 Extraction of Energy: 1st Priority.

10.4.2 Additional obligations for Linkage holders (regulated sector) obtaining coal at subsidized rates through FSA route and the owners of coal block allocated through allotment route.

10.4.3 If coal is washed in a 3rd party Washery, such linkage holders/ block owners and in case any agreement is signed with washery operator the said washery operator (deemed owner) will be responsible for handling and disposal of rejects.

10.4.4 Linkage holders/ block owners have to declare the benefits derived from disposal of rejects/ agreement with washery operator and the methodology" for passing on the benefits derived from such transaction to the public. The detailed information in this regard is to be furnished to the concerned Electricity Regulator or other authorities, if any.

10.4.5 Exploring the alternate use of Washery Reject: 2nd Priority:

10.4.5.1 If the initiatives taken under Para-4.1 of the Reject policy do not fructify, the Owner/ deemed owner will explore other permissible uses of HCV rejects and LCV rejects such as replacement of construction material (for highways, railways, dams, embankments, etc.), brick making, or any other alternative gainful use.

10.4.5.2 While applying for disposal of reject under this option the owner/deemed owner shall have to furnish the initiatives taken for utilization of HCV reject under para 4.1 of the reject policy. The owners shall maintain a record of all such initiatives (failed/ successful) showing all relevant details and shall submit all documentary evidence of such initiatives taken by the Owner/ deemed owner and shall submit an undertaking that due diligence was made by him for disposal of HCV rejects as per Para-4.1.

10.4.6 Dumping of Washery Rejects in mine voids/ low lying areas in environment friendly manner: 3rd Priority :

10.4.6.1 In case of failure of all initiatives taken under Para-4.1 & 4.2 of the reject policy, the owner/ deemed owner may resort to the last option of dumping of Washery rejects in mine voids or low lying areas in an environment friendly manner observing all precautions relating to safety and environment, as stipulated in statute and various guidelines.

10.4.6.2 In case of disposal of reject for alternate use i.e reclamation of land, filling of mine

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void, it shall be responsibility of the Owner/ deemed owner to ensure that all precautions and safety measures are taken to ensure environment friendly disposal of rejects in a safe manner. The Owner/ deemed owner will maintain a record of all such cases of reject dumping along with all relevant details in a specified format.

10.4.6.3 Selection of Mine Voids/ Low lying areas shall be the look-out of the Owner/ deemed owner, who shall enter into an appropriate arrangement with owner of the mine void/ low lying area for dumping of rejects therein.

10.4.6.4 To allow official of CCO and other statutory agencies to carry out periodic inspections of the dumping site(s) to ensure compliance of guidelines for use of reject.

10.7 Washery operator shall maintain the record and shall keep the record available for inspection of CCO official as and when required.

11. RESPONSIBILITY OF COAL COMPANIES.

All Coal mining companies shall identify and make a list of abandoned mine voids/ running mines suitable for dumping of rejects Form-6 and submit the same to CCO on 1st April of every financial year.

12. GRANT OF PERMISSION FOR DISPOSAL OF REJECT.

12.1 The owner shall ensure that the reject supplied to the End Use Plant for extraction of energy have valid Environmental Clearance.

12.2 The owner/deemed owner of the reject shall seek prior permission of Coal Controller Organisation prior to disposal of reject in Form 3 or Form 4 or Form 5.

12.3 The owner/deemed owner shall take initiatives for use of reject in the order of priority.

12.4 Bank Guarantee (BG) @ Rs. 5.0 (five) lakh per hectare as guarantee towards final reclamation of the site to CCO. However, if the proposed mine has already an approved Mining Plan/ Mine Closure Plan, submission of BG may be dispensed with if an undertaking of the Mine is submitted in this regard.

12.5 Undertaking of the owner/ deemed owner to undertake all precautions and safety measures are taken to ensure environment friendly disposal of rejects in a safe manner.

12.6 Undertaking to facilitate periodic inspection of the dumping site by CCO and other statutory agencies and to carry out the instructions given in this regard for ensuring safety and environmental measures.

12.7 After completion of dumping and final reclamation by the owner/ deemed owner, the reject dumping site shall be inspected by CCO to ascertain the efficacy of reclamation and precautionary measures put in place. In case of any deficiency, CCO may ask for remedial actions to be carried out by the owner/ deemed owner failing which, CCO will get the job done by any

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third party by encashing the BG submitted by the owner/ deemed owner.

12.8 The site shall not be declared reclaimed for return of BG unless it is certified by the CCO that the site has been reclaimed adequately. CCO may obtain services of an accredited independent agency for carrying out such inspections at Owner's/ deemed owner's cost.

12.9 CCO may carry out necessary inspections and draw samples of Coal Washery Reject being despatched for ascertaining GCV and other particulars.

12.10 Based on site inspection of regional office, the Coal controller shall grant permission.

13. REFUND OF BANK GURANTEE DEPOSITED.

13.1 After completion of dumping of the reject dumping site or final reclamation of Mine void by the Owner/ deemed owner, the washery owner shall get the reclamation site audited by third party like (Academic institutions of repute, NEERI, CIMFR, CMPDIL etc.) for establishing the efficacy of reclamation and precautionary measures put in place.

13.2 The site shall not be declared reclaimed for return of BG unless it is certified by the third party that the site has been reclaimed adequately.

13.3 The washery owner shall apply for refund of BG to CCO along with Third party audit report. Reject dumping site shall be inspected by CCO to ascertain the efficacy of reclamation and precautionary measures put in place.

13.4 If any deficiency is noticed, CCO may ask for remedial actions to be carried out by the Owner/ deemed owner failing which, CCO will get the job done by any third party by encashing the BG submitted by the Owner/ deemed owner.

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Return for Raw Coal feed and Washery Products

Form 1

Month/Year Ending :

Name of the Washery Plant :

Address :

Coal Washery Production:

Total Raw coal received (Te)	Raw Coal Feed (Te)	Production of Washery Product (Te)						
		Clean Coal	Middling	Rejects			Slurry	Total
				HCV	LCV	Total		

Details of HCV Reject Disposed of:

Sl.	Ownership of Reject (Owner/Deemed Owner)	HCV Reject Disposed of "Te"			Name of the Consignee/Name of Mine void (under 4.3)
		Under 4.1	Under 4.2	Under 4.3	
TOTAL					

Details of LCV Reject Disposed of:

Sl.	Ownership of Reject (Owner/Deemed Owner)	LCV Reject Disposed of "Te"	Name of the Consignee/Name of Mine void (under 4.3)

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	Owner)	Under 4.2	Under 4.3	
TOTAL				

Physical Stock of HCV Reject

Sl.	Ownership of Reject (Owner/Deemed Owner)	Opening balance (Te)	Quantity produced (Te)	Total Quantity dispatched (Te)	Closing Stock (Te)	Average GCV (Kcal/Kg)	Remarks
TOTAL							

Physical Stock of LCV Reject

Sl.	Ownership of Reject (Owner/Deemed Owner)	Opening balance (Te)	Quantity produced (Te)	Total Quantity dispatched (Te)	Closing Stock (Te)	Average GCV (Kcal/Kg)	Remarks
TOTAL							

Conversion Factor of Reject

Date of determination	Conversion Factor "m3/te"		Third Party Name
	HCV	LCV	
	1500-2200 kcal/kg	Less than 1500 kcal/kg	

Daily Record Keeping of Raw Coal feed and Washery Product

Form 2 _____

Name of the Washery Plant : _____

Address : _____

ROM Receipt : _____

Date	Name of the Company (wherefrom Coal is received)	Colliery	Grade of Coal	Quantity Received (Te)

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Coal Washery Production:

Date	Raw Coal Feed (Te)	Production of Washery Product (Te)						
		Clean Coal	Middling	Rejects			Slurry	Total
				HCV	LCV	Total		

Details of HCV Reject Disposed of:

Date	Ownership of Reject (Owner/Deemed Owner)	HCV Reject Disposed of "Te"			Name of the Consignee/Name of Mine void (under 4.3)	Rail RR No	Road (Vehicle No)	MGR /Belt
		Under 4.1	Under 4.2	Under 4.3				

Details of LCV Reject Disposed of:

Date	Ownership of Reject (Owner/Deemed Owner)	LCV Reject Disposed of "Te"		Name of the Consignee/Name of Mine void (under 4.3)	Rail RR No	Road (Vehicle No)	MGR /Belt
		Under 4.2	Under 4.3				

Physical Stock of HCV Reject

Date	Ownership of Reject (Owner/Deemed Owner)	Opening balance (Te)	Quantity produced (Te)	Quantity dispatched (Te)	Closing Stock (Te)	Average GCV of rejects (Kcal/Kg)

Physical Stock of HCV Reject

Date	Ownership of Reject (Owner/Deemed Owner)	Opening balance (Te)	Quantity produced (Te)	Quantity dispatched (Te)	Closing Stock (Te)	Average GCV of rejects (Kcal/Kg)

Plans /Plates and Records to be kept maintained:

1. Copy of the approved Stockyard Plan for HCV and LCV Reject

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(Ownership wise)

2. Copy confirming ownership of the Reject specifically in case of deemed owner
3. Initiatives taken for disposal of reject under para 4.1 and 4.2 of the Policy of disposal of Rejects.
4. Copy of agreement for dumping of reject under Para 4.3 of the policy of Disposal of Rejects.
5. Conversion Factor assessment copy issued by the Third party

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Form 3

Application for Permission of Disposal of Reject Generated Under Clause 4.1

1. Name of the Washery Plant :
 Address :
 Date of application :
 Ownership of the Reject :
 Type of Reject : HCV

Details of Washery Reject Generated and Proposed to be disposed with Consignee details

Type of Reject	Opening stock (Te)	Reject generated monthly till date of filing of application (Te)	Reject disposed monthly till date of filing of application (Te)	Closing stock on the day of application (Te)	Quantity proposed to be disposed (Te)	Consignee Details			
						Name	Purpose of use	Whether Valid EC is available or not (Yes/No)	Mode of Transport (Rail/Road/ Others (specify))
HCV									
LCV									

Details of EC/Permits of the end user (consignee) allowing use of reject in :
 environmentally friendly manner.

Address of the Consignee :

Undertaking from the consignee for not selling the reject to others or to utilize for other :
 purpose

Precautions taken to avoid pilferage during transport and storage :

If FSA agreement exists with customer: Total Quantity of agreement and other relevant :
 details with documents

Linkage holders/ block owners to furnish: :

- Declaration on benefits derived from disposal of rejects/ agreement with washery operator in transferring of ownership
- Methodology for passing on the benefits derived from such transaction to the public.
- Details of information provided to the Electricity Regulator or other authorities as per reject policy.

Document confirming ownership of the Reject specifically in case of deemed owner :

Signature
 12/10/2021

Signature of Owner / Deemed Owner with seal.

Form 4

Application for Permission of Disposal of Reject Generated Under Clause 4.2

1. Name of the Washery Plant :
 Address :
 Date of application :
 Ownership of the Reject :
 Type of Reject (HCV/LCV/Both) :

Details of Washery Reject Generated and Proposed to be disposed with Consignee details

Type of Reject	Opening stock (Te)	Reject generated monthly till date of filing of application (Te)	Reject disposed monthly till date of filing of application (Te)	Closing stock on the day of application (Te)	Quantity proposed to be disposed (Te)	Consignee Details		
						Name	Purpose of use	Mode of Transport (Rail/Road/ Others (specify -----))
HCV								
LCV								

Documentary evidence of efforts taken for disposal of Reject for Extraction of Energy under Para 4.1 of Reject policy :

Address of the Consignee :
 Precautions taken to avoid pilferage during transport and use
 Undertaking from the consignee for not selling the reject to others or to utilize for :
 other purpose

Document confirming ownership of the Reject specifically in case of deemed owner

Signature of Owner / Deemed Owner with seal.

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Form 5

Application for Permission of Disposal of Reject Generated Under Clause 4.3

1. Name of the Washery Plant :
- Address :
- Date of application :
- Ownership of the Reject :
- Type of Reject (HCV/LCV/Both) :

Details of Washery Reject Generated and Proposed to be disposed with Consignee details

Type of Reject	Opening stock (Te)	Reject generated monthly till date of filing of application (Te)	Reject disposed monthly till date of filing of application (Te)	Closing stock on the day of application (Te)	Quantity proposed to be disposed (Te)	Consignee Details			
						Name of mine/void	Running or close	Name of owner of mine/void	Mode of Transport (Rail/Road)
HCV									
LCV									

Documentary evidence of efforts taken for disposal of Reject under Para 4.1 & 4.2 of Reject policy :

Address of the Consignee/mine :

Undertaking from the consignee for not selling to others or to utilize for other purpose :

Copy of the agreement with owner of the mine void/ low lying area wherein Owner/ deemed owner proposes to dump/dispose the reject. :

Plan of the dumping site showing the total area to be utilized for dumping :

Bank Guarantee (BG) @ Rs. 5.0 (five) lakh per hectare as guarantee towards final reclamation of the site to CCO. :

(However, if the proposed mine has already an approved Mining Plan/ Mine Closure Plan, an undertaking of the Mine owner to cover the reclamation of area dumped with reject under approved Mine Plan/Mine Closure Plan of the mine)

Undertaking of the owner/ deemed owner to take all precautions and measures and to comply all provisions given in the approved Reject Policy. :

Precaution taken to avoid spontaneous heating and also possible contamination of water bodies due to dumping of washery rejects.

Document confirming ownership of the Reject specifically in case of deemed owner.

Signature of Owner / Deemed Owner with seal.

LIST OF ABANDONED MINE VOIDS/ RUNNING MINES SUITABLE FOR DUMPING OF REJECTS

(To be submitted by Coal Companies on Annual basis)

Form - 6

Sl. No	Name of the Mine/Void suitable/available for dumping of Washery reject	Type of Mine (Running/Closed)	Availability of approved Mining Plan/Mine Closure plan (Yes/No)	Balance life of mine (Years)	Approximate Quantity of accommodation of rejects in the mine/void (Te)	Escrow account details and balance fund	Remarks

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