

CHAPTER- VII

COAL HANDLING ARRANGEMENT

7.1 Surface Coal Handling Arrangement-

7.1.1 Existing

There are 5 nos. departmental feeder breaker of 400 TPH each and 1 no. Outsourced feeder breaker of 400 TPH is in operation within the proposed amalgamated Muraidih-Phularitand Colliery.

Phularitand Colliery-

At present there are two nos. of Feeder breaker is in operation at Phularitand Colliery near the inclines/drifts and these are being operated departmentally. As per the mine authority, there is another Crusher/feeder breaker which is being operated by the Contractor for coal produced from Hired HEMM patch.

Transportation of Coal Produced from Opencast (Hired HEMM patch)-

- Coal from the face is transported to coal dump and then coal dump to Crusher/Feeder breaker to crush coal of (-) 100mm size. Then coal is send to KKC Railway Siding through truck transport system. From KKC Railway siding, coal is send to different Power Stations as per linkage.
- Certain amount of coal from the coal dump is also sent to private cookerries and Mithon Power Limited (MPL) by road from the KKC Railway Sidings.

Transportation of Coal Produced from Underground-

- Coal produced in underground is brought to surface through direct haulage. Coal tubs are unloaded by tippler into Tipper truck through chutes. From there it is send to coal dump and then as per linkage, coal is send to the Mithon Power Limited (MPL) by road.

Amalgamated Muraidih Opencast Colliery-

~~In this Colliery, an opencast is in operation departmentally. Three nos. of~~
Feeder breaker (-100mm) each of 400 TPH is in operation departmentally at Muraidih Colliery.

ASHOK KUMAR
Project Officer
Muraidih Colliery

Coal produced from coal benches are send to coal dumps. From coal dumps, it is send to three numbers of departmental crusher to size coal into (-) 100mm. From Crusher, coal is send to KKC Railway Siding through truck transport system. From KKC Railway siding, coal is despatched to different Power Stations through railway wagons. Certain amount of coal from the coal dump is also sent to private cookerries and Mithon Power Limited (MPL) by road from the KKC Railway Sidings.

The above departmental feeder breakers will be utilized as on when required or may be transferred to other mines upto their life.

Proposed –

There are 6 nos. (4 working + 2 stand-by) feeder breaker of 400 TPH each have been proposed for crushing of 7.3 Mt per year ROM coal to (-) 100 mm. After crushing, coal will be transported to existing KKC link siding through contractual or departmental transport system as decided by BCCL Management.

Ashok

ASHOK KUMAR
Project Officer
Muraidih Colliery
(H)