

BEML D355 DOZER BLADE REPAIR AT CENTURY CEMENT

Technical Details:

Equipment	:	BEML D355 Dozer Blade
Blade Size	:	4.2 mtrs x 1.12 mtrs.
Service condition	:	Continuous 8 years of service in lime stone mines, Gantry.
Wear Factors	:	High abrasion, impact & fatigue material.



- The dozer blade plate hard faced with electrodes, was worn out badly and deformed in shape. Patch up was also done at several places which had given off.
- The worn out hard faced plates were cut off by gas cutting & gauging process.
- Profile template was made & 12mm M.S. plates were bent to profile and cut in 12 no. of pieces.
- The lost sections from rib frame were rebuilt to strengthen the structure.
- All the plates were aligned and welded after proper edge preparation.
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- Wear plates (Diffplate AR) were arranged & welded to repaired dozer blade upto cutting edge area.
- All the welding lines and plug welded area were hard faced using Abrocar 84.

Total Quantity Of Electrodes : Diffusaloy 6180 (3.15+4.00) :- 105 kgs,
 Abrocar 84 (4.00mm) :- 40 kgs.
 Supergouge (4.00mm) :- 20 Kgs.
 Diffplate AR (100x100x10mm) :- 330 Nos.

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