

UNCONVENTIONAL MECHANICAL EQUIPMENT RECLAMATION PRACTICES –
A CASE STUDY OF ROLLING MILL DRIVE SHAFT REPAIR

Non availability of insurance spare A class item may leads to total stoppage of production. This presentation outlines the existing wrong practices, conventional practices as well as many unconventional reclamation processes. The case study is for a critical item for hot rolling mill and the various methodologies adopted for reclamation. Besides reclamation by welding the other unconventional process discussed are metal stitching, uses of cold weld compound, CMMS system, Bolt tightening torque, anti fatigue fasteners. Special references are taken from steel plant equipment mechanical behavior both of primary zone and of finishing zone

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