

VRM BRIDGE PIPE

ADFL'S UNIQUE SOLUTION FOR VRM BRIDGE PIPE REPAIRS



AREA OF CONCERN

The vertical roller mill (VRM) is used by all major cement manufacturers for grinding limestone, coal & cement. The VRM bridge pipes are used for feeding and discharge of material, these VRM bridge pipe gets cracked due to heavy vibration. Replacement involves high cost and stoppage. The lead time for spares involves huge downtime and production loss. The most critical aspect of this application is that customers require an in-situ repair with improved life enhancement at shortest possible time.

APPLICATIONS

VRM bridge pipe is a series of pipes that help in feeding and discharge of materials to the Vertical Roller Mills.

SOLUTION

Ador fontech solution to this problem is the joining of the crack area of the VRM bridge pipe. The crack occurs in the area of pipe joining the VRM casing & also around the adjoining areas of the pipe. V-grooves are formed in the crack area and aligned and then joining is done by a unique combination of our welding alloy LH-1105 used as a buttering layer & completed joining done by our unique life enhancement alloy LH-521 which combines high tensile strength & high elongation to provide long life to the repaired component.

SOME OF OUR END USERS

- Aditya Birla Cement
- The Ramco Cements Limited
- UltraTech Cement Limited

