

Case Study of Lime Stone Crusher Rotor Crack repair- In situ at Amrit Cement



Crusher Details

- Customer name – M/s Amrit Cement
- Ltd
- Type of Crusher – Single Impactor type
- With Blow bar.
- Size –1800 x 2200
- Capacity – 750 TPH
- Crushing media – Lime Stone.

Crusher Damaged Portion

Through crack



Through Crack in ribs



V Gouging, grinding and Pre-DP test



Pre-heating the Surfaces



Root Run with DIFFUSALLOY 800 ELH



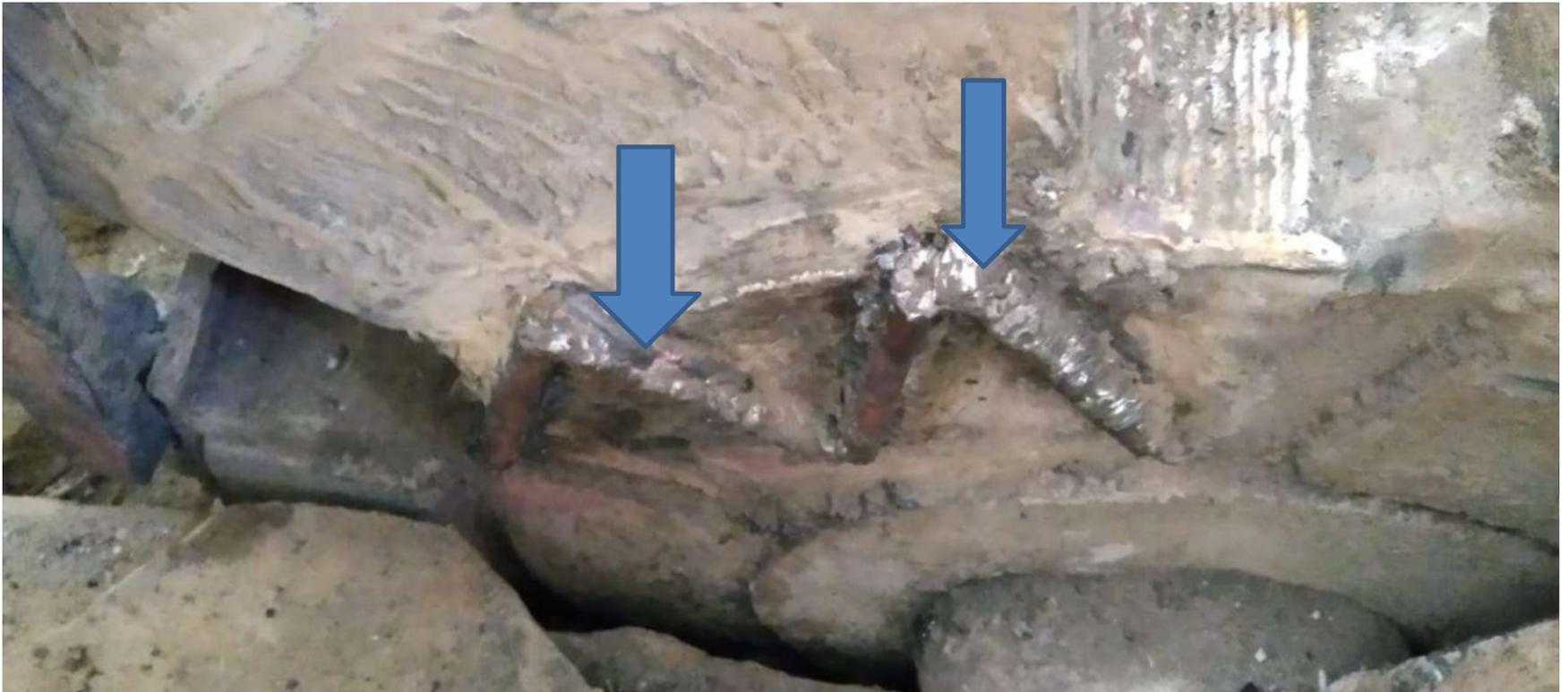
Preheating at interpass layers with DP test after root run.



Built up and final run with DIFFUSALOY 6180



Fix the Cross Bars



Final DP Test on complete weld zone



DP Test on the vertical weld Area



This job done by DIFFUSION is running successfully with life achieved more than 12 months and customer has also awarded repair of Offline rotor crack also.

Job carried out under:

- 1. Mr. Neeldeep Datta (Area In-Charge, Diffusion)***
- 2. Mr. Mukesh Thakur(Technician, Diffusion)***
- 3. Mr. Rohit Konar (Distributor, Shivanjali Enterprise)***