IN SITU SHAFT REPAIR WITH BELZONA

ID: 973

Industry: General Industry Customer Location: Chemical Producer, UK

Application: MPT-Mechanical Power Transmission Application Date: August 2003

Substrate: EN Grade Hardened Steel
Products: Belzona® 1111 (Super Metal)

Problem

Customer had un-scheduled failure of mixer vessel drive shaft which had previously been repaired using metal spraying.









Photograph Descriptions

* Mixer Vessel, * Failed Metal Sprayed Shaft, * Form tool in position, * Finished Shaft,

Application Situation

Mixer Vessel drive shaft

Application Method

Old metal sprayed material was totally removed and shaft rebuilt using Belzona System Leaflet MPT-2. Former was made to allow repair to be completed in-situ.

Belzona Facts

Removal of shaft for exchange or repair was expensive with hire of crane also needed. Belzona solution was quick, cost effective and took minimal downtime.

