

## IN SITU SHAFT REPAIR WITH BELZONA

### CUSTOMER

Chemical Producer, UK

### APPLICATION DATE

August 2003

### APPLICATION SITUATION

Mixer Vessel drive shaft

### PROBLEM

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

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

EN Grade Hardened Steel

### 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.

### PICTURES

1. Mixer Vessel
2. Failed Metal Sprayed Shaft
3. Form tool in position
4. Finished Shaft



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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