

## PIPE ELBOW REPAIRED AND PROTECTED WITH BELZONA

### CUSTOMER

Arthur, ON, Canada

### APPLICATION DATE

March 2015

### APPLICATION SITUATION

The pipe for the return air and media blast material from the blast machine.

### PROBLEM

The blast material going through the pipe wore a hole to the side of the pipe elbow.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1812 (Ceramic Carbide FP)

Belzona 4151 (Magma-Quartz Resin)

Belzona 9381 (Reinforcement Sheet)

Belzona 9811 (Alumina Tiles)

### SUBSTRATE

Light gauge mild steel

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System leaflet SHM-8 for rebuilding worn pipe elbows. Belzona 9811 was bonded to the outside of the elbow with Belzona 1111. Then, Belzona 9811 was grouted using Belzona 1812 to fill in all the gaps with the abrasion resistant material. Then, Belzona 9381 was wrapped around the elbow wetted out with Belzona 4151.

### BELZONA FACTS

The customer was replacing the pipe with a new pipe, which was very costly. The Belzona repair didn't just save the customer money, it also lasted longer than just the pipe alone.

### PICTURES

1. Prior to application
2. Application in progress
3. Completed application



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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