

## BELZONA REPAIRS THIN WALL DEFECT IN COOLING WATER SYSTEM

### CUSTOMER

Nutritional products manufacturer, Dalry, Scotland

### APPLICATION DATE

June 2014

### APPLICATION SITUATION

Thin wall defect on cooling water pipework

### PROBLEM

General corrosion had reduced original 10mm pipe wall thickness to 5-6mm but excessive grinding of the substrate during preparation for non destructive testing created a local defect with wall thickness of 2mm.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalgilde)

### SUBSTRATE

Mild Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-2 and VPF-11. A doubler plate was bonded using Belzona 1111 and was then overcoated with Belzona 1341.

### BELZONA FACTS

The client only had a one day window for the application to be completed. Belzona were able to carry out the application in this time, ensuring minimum downtime was incurred.

### PICTURES

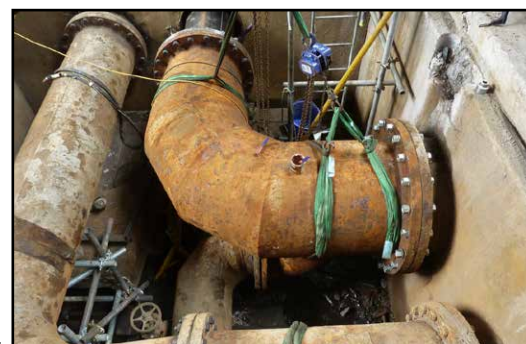
1. Local defect on the cooling water pipe
2. Defect measured
3. Return leg of cooling water system where repair required
4. Completed repair



1.



2.



3.



4.

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



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