

FLANGE & FASTENINGS LEAKAGE

ID: 9381



PROBLEM

High temperature steam leaks and loss of vacuum at the interface of the two mating flanges

APPLICATION SITUATION

This vessel was no longer operational and costing the company excessive amounts of extra turnover to move production to other parts of the plant

APPLICATION METHOD

Hi-Pressure Grit blast of all fastenings and flange face creating a good profile for adhesion to the substrate.

BELZONA FACTS

This facility uses Belzona products on machinery and equipment throughout the plant, the plant is old and invariably no spares available or very long lead times. Belzona is used on varying circumstances saving the plant downtime.

INDUSTRY

Chemical & Petrochemical

LOCATION

Warrington UK

APPLICATION DATE

April 2024

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon steel

PHOTOS

1. Condition of vessel circumferencial flange
2. Surface preparation by grit blasting
3. Bolt caps filled with Belzona 1511 and general filling of flange interface.
4. Finally full encapsulation of repairs using Belzona 5811

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

