

BELZONA SEALS LEAKING FLANGE

ID: 2713



PROBLEM

Flanged joint was leaking at the gasket and through the bolts. Customer required an in-situ repair to seal the leak as joint could not be dismantled to effect a conventional repair.

APPLICATION SITUATION

Large flange in hot brine process system

APPLICATION METHOD

Application was carried out using a modified version of Belzona Know-How System Leaflet VPF-11. The surface was prepared by grit blasting. The bolts were fully encapsulated using Belzona® 1111 to seal the leaks in these areas. Following this Belzona® 1391 incorporating Reinforcement tape was used to completely encapsulate the flange joint.

BELZONA FACTS

The Belzona products were chosen to withstand the high process temperatures (120°C) and have proven to be totally effective leading to several similar repairs at the facility.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical plant, Germany

APPLICATION DATE

May 2010

PRODUCTS

Belzona 1391 (Ceramic HT)
Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Leaking flange
2. Belzona 1111 applied to bolts
3. First coat of Belzona 1391 applied
4. Completed application

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

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