

BELZONA REPAIRS AND PROTECTS 18 FOOT DIAMETER FLANGE FACE

ID: 1337



PROBLEM

Flange was attacked by 98% Sulfuric acid at elevated temperature after Teflon lining was damaged.

APPLICATION SITUATION

Flange on 18ft. diameter evaporator.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflets GSS-8 and HEX-3. Templates were used to obtain original profile of the flange with Belzona® 1111. Belzona® 4341 was applied as a protective coating.

BELZONA FACTS

Belzona solution restored sealing on flange face without heat avoiding further damage to the Teflon lining. Use of Belzona® 4341 provided acid resistance to the repair.

INDUSTRY

General Industry

LOCATION

Metallurgy, Montreal Canada

APPLICATION DATE

October 2006

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 4341 (Magma CR4)

SUBSTRATE

Mild Steel

PHOTOS

1. Metal flange needed rebuilding.
2. The damaged Teflon lining that caused leak
3. The rebuilt flange protected with Belzona 4341

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.

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