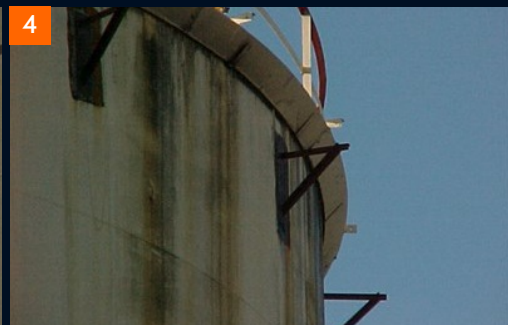


BELZONA BONDS PIPE SUPPORTS TO TANK

ID: 1720



PROBLEM

A pipework deluge system was required to be installed, however the tanks were full of oil, so making them gas free for hotwork (to weld the brackets) was an expensive option.

APPLICATION SITUATION

Oil Storage Tanks

APPLICATION METHOD

Application was carried out using a modified version of Belzona System Leaflet VPF-15. The surfaces were prepared by gritblasting using a water/amine fire suppressant and corrosion inhibitor (approved for use). The supports were bonded to the tank sides.

BELZONA FACTS

Testing of similar brackets showed that 12 tonnes force was required to remove the brackets. This process avoided the costs associated with draining and storing the oil, as well as cleaning the tank to make it gas free for hotwork. After 5 years brackets were replaced and welded when tanks were emptied for a full inspection.

INDUSTRY

Chemical & Petrochemical

LOCATION

Tank Farm, Dublin, Ireland

APPLICATION DATE

December 2002

PRODUCTS

Belzona 1121 (Super XL Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. Tank Farm Location
2. Tank Farm Location
3. Close up showing the bracket bonded. The rust was due to the later coating of the tank/bracket
4. Additional view of bonded brackets

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

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