

BELZONA COLD PLATE BONDING ON BULK FUEL HOLDING TANK

ID: 5062



PROBLEM

Although the hole was above the fluid level, the Client had a scheduled delivery of fuel via marine tanker due to dock and discharge into the tank in two weeks' time. Due to the restriction of repairing by hot weld procedure, HSE accepted the Belzona as a temporary repair subject to regular, logged inspections.

APPLICATION SITUATION

Insulated bulk holding tank containing heavy fuel oil. Corrosion under insulation had led to a through wall penetration at approximately 8m above ground level.

APPLICATION METHOD

Due to the urgency, Belzona were quickly mobilised and prepared the substrates by grit blasting to the desired standard, bonding a 500x500x5mm plate using Belzona 1161 and final two coat system Belzona 5811 in accordance with Belzona System leaflet TCC-3.

BELZONA FACTS

In accepting the Belzona cost effective, safe cold bonding solution, the client duly received the fuel shipment and recharged the bulk holding tank without any fault from the application. This saved the client many thousands of pounds in delaying a sea shipment at port side. The application continues to be regularly monitored without any indication of deterioration or need to be replaced in the short term.

INDUSTRY

Chemical & Petrochemical

LOCATION

Fuel Distribution Terminal, South Wales UK

APPLICATION DATE

February 2013

PRODUCTS

Belzona 1161 (Super UW-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Low Carbon Steel

PHOTOS

1 & 2. Original side wall tank hole/leak area

3. Completed application February 2013

4. Application checked April 2014

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