

Belzona Seals and Reinforces the Bottom of a Hydrocarbon Storage Tank.

ID: 9016

Industry: Power

Customer Location: Jorf Lasafar

Application: TCC-Tanks and Chemical Containment Areas

Application Date: February 2023

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1391T, Belzona 1511 (Super HT-Metal), Belzona 5811 (Immersion Grade), Belzona 9111 (Cleaner Degreaser)

Problem

The bottom of a hydrocarbon storage tank had corroded over time, leading to a continuous leak between the tank and its base.



Live hydrocarbon leak.



Leak sealing between tank bottom and base.



Plate bond reinforcement on the lower part of the tank.



Application du Belzona 5811 to protect the plate bond against the environment.

Application Situation

Hydrocarbon storage tank within a Fossil Fuel Power Station.

Application Method

The multiples leaks were firstly sealed using Belzona 9611. Belzona 1511 was then used to seal between tank bottom and base prior to the plate reinforcement on tank where wall thickness losses are significant. The coatings Belzona 1391T and Belzona 5811 were applied to the concrete based and plates in order protect them against the open air environment. The application was carried out in accordance with a modified version of Belzona System Leaflet TCC-05.

Belzona Facts

Belzona was used due to the tank being within an ATEX area and unable to be emptied - hot work was therefore impossible.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA[®]
Repair • Protect • Improve