

TANK BASE SEALING WITH BELZONA

ID: 921

Industry: Chemical & Petrochemical

Customer Location: Oil Production Company, North East Scotland

Application: GSS-Gaskets, Seals and Shims

Application Date: October 2005

Substrate: Carbon Steel & Concrete

Products: * Belzona® 4131 (Magma Screed) ,

* Belzona® 3131 (WG Membrane) ,

Problem

Water was penetrating under the anular ring leading to a corrosion risk.



Photograph Descriptions

- * The oil storage tank ,
- * Belzona® 3131 applied ,
- * Close view of Belzona® 3131 system ,
- * Belzona 3131 inspected in 2012 still in perfect condtion ,

Application Situation

108m diameter oil storage tank

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet GSS-3. Damaged areas of the concrete base were repaired with Belzona® 4131 prior to the full circumference of the base being sealed with a fully reinforced Belzona® 3131 system.

Belzona Facts

The original plan was to inject a silicon type sealer around the tank base or a bitumastic coating but these were known to only offer temporary seal. The Belzona tank baser sealing system has a proven track record and this tank was found to be in perfect condition when inspexcted in 2012.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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