Belzona Repairs Leaking Tank Roof

ID: 8101

Industry: Oil & Gas

Application: TCC-Tanks and Chemical Containment

Areas

Substrate: Steel

Products: * Belzona 1161 (Super UW-Metal),

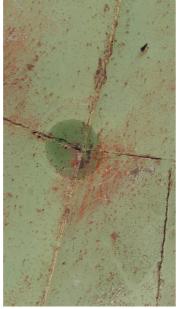
* Belzona 3111 (Flexible Membrane),

* Belzona 9311,

Problem

A tank roof has failed and started corroding at the weld seams. This was allowing water to seep in through these holes causing contamination problems for the solution within the tank.







Customer Location: *Italy*Application Date: *2019*



Photograph Descriptions

- * 1. Overview of the tank roof,
- * 2. Water ingress at the weld seams,
- * 3. Belzona 1161 being applied,
- * 4. Finished application with Belzona 3111,

Application Situation

Sealing holes on the roof of an oil tank.

Application Method

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.

www.belzona.com



This application was carried out in accordance with system leaflet TCC-02. Areas where the tank roof was leaking from were identified and taped out. Once taped out the surface was prepared using an MBX bristle blaster. Belzona 1161 was then used to fill in the leaks before Belzona 3111 was applied on top with a cut out strip of Belzona 9311 reinforcement sheet for added protection.

Belzona Facts

Previous welding had introduced heat activated zones into the tank roof resulting in weakness and corrosion at the weld seams. Welding the tank again would have created the same problems and that's why the Belzona cold applied solution was used.

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