

Belzona 7311 cold plate bonding on trunnion

ID: 9266

Industry: Chemical & Petrochemical
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon steel
Products: Belzona 7311

Customer Location: United Kingdom
Application Date: December 2023

Problem

Corrosion had occurred on a trunnion section leading to significant metal loss



Corroded section covered in wax oil



Surface preparation & wetting out with Belzona 7311



Doubler plates installed & clamped in place



Completed repair overcoated

Application Situation

Hot works were not permitted in the area. A cold applied system was needed to restore integrity

Application Method

The area was grit blasted to SA2.5 & 75 microns. The metal surface was then wetted out. Doubler plates were then bonded either side of the defect & clamped to avoid slumping. Once cured the full area was painted.

Belzona Facts

The repair was completed in one day with much less disruption to site operations than traditional repair methods. The corrosion resistance & high bond strength of Belzona 7311 makes it ideal for this environment.

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

Copyright © Belzona International Limited 2025


BELZONA
Repair • Protect • Improve