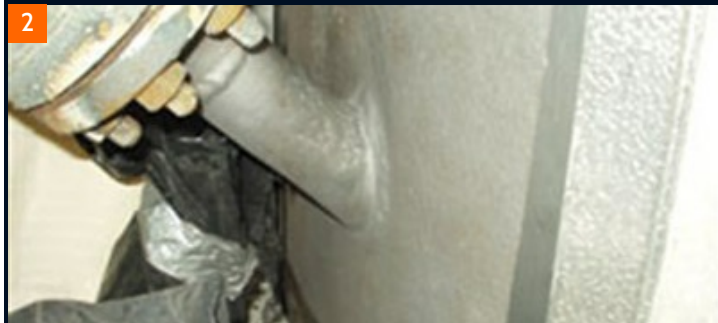


NOZZLE STABILISATION AT ONSHORE GAS PLANT

ID: 458



PROBLEM

Under insulation corrosion had caused severe wastage of the neck of five nozzles on this gas stabilisation tower. As the vessel is manufactured to a strict code, any welding would have required extensive subsequent heat treatment.

APPLICATION SITUATION

Corroded 2.5" nozzles on gas stabilisation vessel.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-11a and TCC-5.

BELZONA FACTS

A doubler assembly was manufactured from a curved plate and oversize pipe. This was then cut to allow easy assembly. The plate was then sealed and injected with Belzona® 1391 to act as an adhesive. Once completed the whole assembly was protected from further corrosion by application of Belzona® 5111 and Belzona® 6111. Application reported OK in February 2008 and many other similar applications carried out for the client.

INDUSTRY

Oil & Gas

LOCATION

Gas Processing Plant - UK

APPLICATION DATE

July 2003

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1391 (Ceramic HT Metal)
Belzona 5111 (Ceramic Cladding)
Belzona 6111 (Liquid Anode)

SUBSTRATE

Steel.

PHOTOS

1. Gas stabilisation tower being sheeted ready for grit-blasting
2. CUI Corrosion damage to the neck of the nozzle
3. Completed application following injection of Belzona 1391 and application of Belzona 5111/6111

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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