

BELZONA CORROSION PROTECTION FOR SUCTION SCRUBBER

CUSTOMER

Oil and Gas Industry, North Sea, UK

APPLICATION DATE

2003

APPLICATION SITUATION

Corrosion protection required for newly constructed process vessels.

PROBLEM

Internal corrosion protection of process vessels and utility tanks was required. LP suction scrubber presented in this case study.

PRODUCTS

Belzona 1522*

Belzona 1391 (Ceramic HT)

*Belzona 1523 is the new version

SUBSTRATE

Carbon Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-3 and TCC-5. Belzona 1522 applied by Plural spray and Belzona 1391 applied by hand to nozzles etc.

BELZONA FACTS

Belzona lining was specified to protect new process vessels and utility tanks. Based on Belzona track record since the 1990s, the customer opted for a carbon steel shell lined with Belzona rather than stainless steel cladding. During the 2013 inspection, it was reported that the Belzona lining was in excellent condition. Local repairs carried out during the initial application were still in very good condition with no sign of degradation.

PICTURES

1. Inspection in 2013 - Inside view of the scrubber
2. Patch repair
3. Different view of patch repair
4. View around ladder



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