

Sea Water Strainer Internal Coating

ID: 9658

Industry: Chemical & Petrochemical

Customer Location: Saudi Arabia

Application: VPF-Valves, Pipes and Fittings

Application Date: March 2023

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1341 (Supermetalgilde)

Problem

existing coating delaminated and localized corrosion where found on several areas on the substrate



Sea water strainer suffered corrosion on the internal surface



A closer look at the corroded sea water strainer



The internal surface of the strainer was rebuilt with Belzona 1111 (Super Metal) and overcoated with Belzona 1341 (Supermetalgilde)



Complete application to restore the strainer

Application Situation

The existing coating on the sea water strainer failed at many locations which caused localized corrosion on multiple locations which lead to deep pitting and corrosion.

Application Method

1. Remove the existing coating.
2. Rebuild the surface with Belzona 1111 on all the pitted areas
3. Overcoat the internal surfaces with Belzona 1341 (Supermetalgilde)

Belzona Facts

The equipment was put back withing 4 days after the repair.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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