

Corrosion Prevention in Condenser Exchanger with Belzona 1321

ID: 9742

Industry: Power

Customer Location: Turkey

Application: HEX-Heat Exchangers

Application Date: January 2025

Substrate: Carbon steel

Products: Belzona 1321 (Ceramic S-Metal), Belzona 9111 (Cleaner Degreaser)

Problem

Corrosion between the surface and tubes due to water flow in the condenser exchanger



Before application



After application



After application

Application Situation

Due to the water passing through the condenser exchanger, corrosion was occurring between the surface and tubes

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-3. Belzona 1321 was applied after mechanical surface cleaning to prevent further corrosion between the surface and tubes .

Belzona Facts

The customer faced corrosion issues between the mirror and tubes in the condenser exchanger due to water flow. The customer was looking for a solution to prevent corrosion. The application was successfully completed using Belzona products.

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.

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