Linde Intercooler Repair

Industry:Chemical & PetrochemicalCustomer Location: River Rouge, MIApplication:HEX-Heat ExchangersApplication Date: January 2024Substrate:Carbon steelProducts:Belzona 1111 (Super Metal), Belzona 1321 (Ceramic S-Metal)

Problem

Intercooler tube sheet and end covers had corrosion due to b-metallic corrosion.







Before application

Overview of application area

Final application

Application Situation

Application was completed on unit that was outside. Customer erected tent and applied electric heat at 65 deg F.

Application Method

The application was carried out in accordance with Belzona Know-How Sustem Leaflet HEX-1 for repairing eroded-corroded tube sheets.. The surface was prepared by grit basting and the surface was washed with Belzona 9111. The tubes were plugged with rubber stoppers and Belzona 1111. The second cost of Belzona 1321 was applied in accordance with Belzona Instructions for Use.

Belzona Facts

Customer needed Intercooler up and running. Significant downtime was everted.

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.



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