

Belzona® Provides Corrosion Protection for Heat Exchanger Tube Sheets

ID: 8231

Industry: Chemical & Petrochemical

Application: HEX-Heat Exchangers

Substrate: Carbon steel

Products: * Belzona 1111 (Super-Metal) ,

* Belzona 1391 (Ceramic-HT) ,

Customer Location: A chemical plant in Nanjing, China

Application Date: April 2014

Problem

The tube sheet needs protection from high-temperature corrosion, chemical corrosion and bimetal corrosion to prevent further metal loss. Otherwise, it will cause leakage, decrease in efficiency and pollution.



Photograph Descriptions

* 1. Heat exchanger tube sheet before grit blasting 2. Grit blasted heat exchanger tube sheet 3. Repaired pitted areas using Belzona 1111 ,

Application Situation

Heat exchanger tube sheet in a chemical plant.

Application Method

Application carried out in accordance with Belzona Know-How System Leaflet HEX-1 and HEX-3.

Belzona Facts

Belzona coating system can be quickly applied to prevent further deterioration of the heat exchanger tube sheet corrosion cost-effectively which means other more expensive and complex systems such as hard rubber are not required. Thus the application can be completed on-site.

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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