

BELZONA PROVIDES CORROSION PROTECTION FOR HEAT EXCHANGER TUBE SHEETS

ID: 8231



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.

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

A chemical plant in Nanjing, China

APPLICATION DATE

April 2014

PRODUCTS

Belzona 1111 (Super-Metal)
Belzona 1391 (Ceramic-HT)

SUBSTRATE

Carbon steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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