

BELZONA PROVIDES CORROSION PROTECTION FOR HEAT EXCHANGER TUBE SHEETS

CUSTOMER

A chemical plant in Nanjing, China

APPLICATION DATE

April 2014

APPLICATION SITUATION

Heat exchanger tube sheet in a chemical plant.

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.

PRODUCTS

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

SUBSTRATE

Carbon steel

APPLICATION METHOD

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

BELZONA FACTS

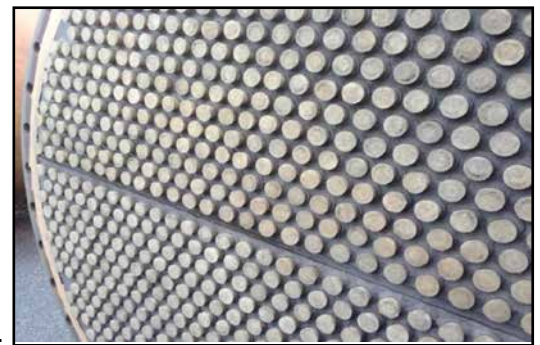
Belzona coating system can be quickly applied to prevent further deterioration of the heat exchanger tube sheet corrosion cost-effectively which means other more expensive and complex systems such as hard rubber are not required. Thus the application can be completed on-site.

PICTURES

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



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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