Know-How*in Action*

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HEAT EXCHANGER WAS RECOVERED AND PROTECTED WITH BELZONA

CUSTOMER
Geothermal Power Plant, Turkey

APPLICATION DATE
July 2020

APPLICATION SITUATION
Repair and coating process for tube sheets, covers and flanges on 2 faces of a 12 meters long Heat Exchangers in a Geothermal Power Plant. The Belzona coating to be applied had to be resistant to chemical washing.

PROBLEM
There were leaks due to welding errors and corrosion between the tube sheets and tubes in the Heat Exchangers.

PRODUCTS
Belzona 1111 (Super Metal)
Belzona 1391T

SUBSTRATE
Steel

APPLICATION METHOD
First of all, the surfaces were grit blasted. Then all the tubing holes were closed with cork stoppers. After repairing was completed with Belzona 1111, the stoppers were removed. After curing, Belzona 1391T coating was applied in 2 layers.

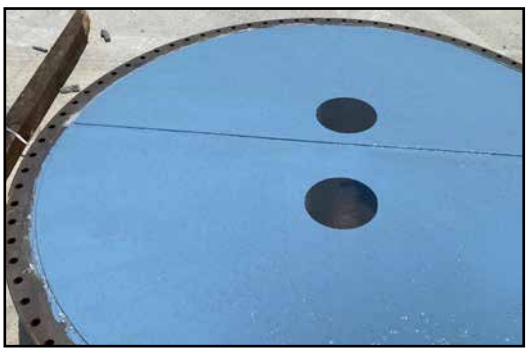
BELZONA FACTS
After the application and curing processes were completed, bubble and pressure tests were carried out and there was no problem. The customer solved their problem quickly and economically by avoiding the huge cost of replacement.

PICTURES
1. Cork stoppers are installed after grit blasting
2. Belzona 1111 repairing
3. Belzona 1391T protection on tube sheet
4. Belzona 1391T protection on cover

1.


2.


3.


4.


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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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