

HEAT EXCHANGER WAS RECOVERED AND PROTECTED WITH BELZONA

ID: 8369



PROBLEM

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

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.

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.

INDUSTRY

Power

LOCATION

Geothermal Power Plant, Turkey

APPLICATION DATE

July 2020

PRODUCTS

Belzona 1111 (SuperMetal)
Belzona 1391T

SUBSTRATE

Steel

PHOTOS

- 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

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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