

# Belzona Internal Coating Protection for 3 Condensers and Absorbers

ID: 7881

Industry: Power

Customer Location: Energy, Operation and Maintenance company, Jeddah, Saudi Arabia

Application: HEX-Heat Exchangers

Application Date: 2017

Substrate: Steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1391T ,  
\* Belzona 9411 (Release Agent) ,

## Problem

Tube sheets, water boxes and end covers were subject to high erosion-corrosion. As a result of galvanic corrosion and chemical attack, they were severely corroded.



## Photograph Descriptions

- \* 1. A condenser and absorber before ,
- \* 2. Application in progress ,
- \* 3. The completed application ,
- \* 4. Close up of the completed application ,

## Application Situation

3 Condensers and Absorbers

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1 and HEX-3. After grit blasting, erosion damage & pitting were rebuilt, prior to applying Belzona 1391T for overall corrosion and chemical attack protection.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve

## Belzona Facts

The customer required immediate recovery, restoration and protection for their asset. Belzona was able to complete the application in 12 days. Four months later, customers opened the chillers and they were in good condition.

---

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.

[www.belzona.com](http://www.belzona.com)

