

Rubber Lined Condenser Water Box Repair Requires Belzona

ID: 7880

Industry: Power

Customer Location: Power Plant, Western Region of Saudi Arabia

Application: WPA-Wall Problem Areas

Application Date: 2017

Substrate: Steel

Products: * Belzona 1311 (Ceramic R-Metal) ,

Problem

Inspection during the Power Plant shutdown showed severe erosion on the rubber-lined condenser water box, with thickness loss of around 5-6 millimeters in localised areas.



Photograph Descriptions

* 1. Application overview 2. Close up of damage showing erosion and cavitation damage 3. The water box repaired with Belzona 1311 (Ceramic R-Metal) ,

Application Situation

Condenser Water Box

Application Method

The repair was completed in accordance with system leaflet WPA-1. The rubber was undercut and all loose surface contamination was removed. After achieving correct surface preparation, Belzona 1311 (Ceramic R-Metal) was applied and contoured to the required profile.

Belzona Facts

One year later, the application is performing very well and working without any problems.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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