

RUBBER LINED CONDENSER WATER BOX REPAIR REQUIRES BELZONA

CUSTOMER

Power Plant, Western Region of Saudi Arabia

APPLICATION DATE

2017

APPLICATION SITUATION

Condenser Water Box

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.

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Steel

APPLICATION METHOD

The repair was completed in accordance with Belzona Know-How System Leaflet WPA-1. The rubber was undercut and all loose surface contamination was removed. After achieving correct surface preparation, Belzona 1311 was applied and contoured to the required profile.

BELZONA FACTS

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

PICTURES

1. Application overview
2. Close up of damage showing erosion and cavitation damage
3. The water box repaired with Belzona 1311



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



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