

BELZONA REPAIR AND PROTECTION OF REFRIGERATION UNIT

ID: 444



PROBLEM

Erosion-corrosion on all water side components. Particularly deep erosion on tube sheet around the tubes.

APPLICATION SITUATION

End covers and tube sheet of a chiller unit from the hotel's air conditioning plant.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets HEX-1 and HEX-3.

BELZONA FACTS

Eroded metal rebuilt with Belzona® 1311 before all surfaces were protected with two coats of Belzona® 1321. Long term repair and protection given insitu, with minimum disruption to plant operation.

INDUSTRY

Heating, Ventilation & Air Conditioning

LOCATION

Five star hotel in Egypt

APPLICATION DATE

April 2004

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. General view of the refrigeration unit
2. The corroded tube sheet
3. The degree of erosion clearly evident after surface preparation
4. Completed application

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.

www.belzona.com

