

BELZONA REPAIR AND PROTECTION OF REFRIGERATION UNIT

ID: 444

Industry: Heating, Ventilation & Air Conditioning

Application: HEX-Heat Exchangers

Substrate: Steel

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

* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Five star hotel in Egypt

Application Date: April 2004

Problem

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



Photograph Descriptions

- * General view of the refrigeration unit ,
- * The corroded tube sheet ,
- * The degree of erosion clearly evident after surface preparation ,
- * Completed application ,

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.

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.

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