

BELZONA EXTENDS LIFE OF CHILLER

ID: 1103

Industry: Heating, Ventilation & Air Conditioning

Application: HEX-Heat Exchangers

Substrate:

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

* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: International Airport, Stockholm

Application Date: 2005, 2008

Problem

Corrosion on tubesheets (4) from one of the chillers was noticed in 2005. Cooling water comes from a local lake which together with galvanic effects was the cause of the corrosion.



Photograph Descriptions

- * General view ,
- * Close up of erosion on tubesheet ,
- * Steam cleaning ,
- * Completed application ,

Application Situation

Three chiller units for air conditioning of terminal buildings.

Application Method

Application was carried out in accordance with Belzona System Leaflet HEX-1. Surface preparation included steam cleaning to remove salt contamination.

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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BELZONA
Repair • Protect • Improve

Belzona Facts

In 2008, the chillers were inspected and the two untreated ones were found to have severe erosion, whereas the Belzona protected one was still in excellent condition.

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