

Belzona Coats Six Chillers at an Airport

ID: 7889

Industry: Buildings & Structures

Application: HEX-Heat Exchangers

Substrate: Carbon Steel, Copper tubes

Products: * Belzona 1111 (Super Metal) ,
* Belzona 1331 ,
* Belzona 9111 (Cleaner/Degreaser) ,

Customer Location: Israel

Application Date: 2015

Problem

Maintenance service of an International airport experienced problem with six chillers that covered all cooling needs for the entire facility. All units were in service for the period from 5 to 10 years and suffered from extensive corrosion on covers and water boxes, that also led to gas losses and leaks through tube sheets on two units out of six.



Photograph Descriptions

- * One of the units in its original state ,
- * Rubber corks inserted before blasting on a heavy corroded tubesheet ,
- * Application of the Belzona system ,
- * Complete repair and a final coat of Belzona 1331 ,

Application Situation

6 chillers at an international airport.

Application Method

Rubber corks were used at the first stage to protect internals of copper pipes from abrasive cleaning and on the second stage preformed as molds for the Belzona 1111/1331 system. The system was under force vacuum before applying Belzona products in order to seal the gas leaks, an injection pistol was used to make sure the deep gaps between the pipes are completely filled with product.

Belzona Facts

Customer was timely convinced to go for Belzona repair and protection of six chillers that supported the entire airport cooling system, avoiding potential interruptions of air-conditioning in a highly important facility located in hot climate zone.

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.

www.belzona.com


BELZONA
Repair • Protect • Improve

Belzona Distributor was first called in to provide a solution for gas leaks but after getting to the root cause of the problem, the customer was convinced that that the complete Belzona repair solution was the best option that would not only stop the gas leaks but would save units from an imminent failure and provide a long-term protection.

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