

BELZONA COATS SIX CHILLERS AT AN AIRPORT

CUSTOMER

Israel

APPLICATION DATE

2015

APPLICATION SITUATION

6 chillers at an international airport.

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.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1331

Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Carbon Steel, Copper tubes

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. 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 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.

PICTURES

1. One of the units in its original state
2. Rubber corks inserted before blasting on a heavy corroded tubesheet
3. Application of the Belzona system
4. Complete repair and a final coat of Belzona 1331



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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9000 Registered Quality
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