

FOUR LARGE CONDENSERS PROTECTED WITH BELZONA

ID: 2453

Industry: Power

Customer Location: Nuclear power plant, Jaslovské
Bohunice, Slovakia

Application: HEX-Heat Exchangers

Application Date: July-September, 2007 & June-September,
2008

Substrate: Steel

Products: * Belzona 1341 (Supermetalgilde) ,
* Belzona 5811 (Immersion Grade) ,

Problem

The client wanted to protect new tube sheets against bimetallic corrosion and tubes against corrosion/erosion. Also required to protect the condenser water boxes.



Photograph Descriptions

- * 1 condenser 4 boxes on one side ,
- * Before reconstruction ,
- * Test for the surface contamination ,
- * Tubesheet and water boxes protected with Belzona ,

Application Situation

4 main condensers at Nuclear power plant. A single heat exchanger has 36.784 tubes.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1, HEX-2 & HEX-3

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 Facts

Each tube (diameter 22 mm) was protected with Belzona® 1341 up to 15 cm inside by special roller. Water boxes were sprayed with Belzona® 5811, whilst tubesheets were protected with Belzona® 1341. The job was done in 2 shifts (12 hours/shift) per day.

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