

# 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  
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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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