



# CASE HISTORY SPOTLIGHT

## Case History #411: Boiler and Hot Well Corrosion Protection

**CASE HISTORY**  
**Boiler and Hot Well Corrosion Protection**

**DATE**  
February 2012

**CUSTOMER**  
TPK Nova d.o.o.

**LOCATION**  
Zagreb, Croatia

**PRODUCTS**  
VpCI®-645  
VpCI®-309

**PROBLEM**  
TPK Nova, located in Zagreb, Croatia, the largest producer of boilers and hot wells had numerous corrosion problems while testing, shipping, and during storage. Corrosion was slowing down production and they were receiving complaints from customers.

**APPLICATION**  
TPK Nova used Cortec® VpCI®-645 during pressure testing of the equipment. They designed a closed system using water treated with VpCI®-645. After the equipment dried, they fogged Cortec® VpCI®-309 inside. With this protection the boilers and hot wells were ready for shipping and storage.

**CONCLUSION**  
Cortec® products were chosen as their corrosion protection solution because no other competitor could offer such an environmentally safe, effective, and easy to use application. TPK Nova achieved great results in corrosion elimination, increased production, and preserved customer retention.

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**CORTEC CORPORATION**  
Environmentally Safe VpCI®/MCI® Technologies

A large producer of boilers and hot wells in Croatia had many corrosion problems during testing, shipping, and storage. The issue was slowing production, and customers were complaining.

The manufacturer had great results in corrosion elimination by using VpCI®-645 during pressure testing and internally fogging the vessels with VpCI®-309 after the equipment dried.

Cortec's products offered a solution that was environmentally superior, effective, and easy to use compared to what competitors could offer. Because of the success of the application, the customer was able to increase production and retain customers.

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