# **Belzona Helps Rebuild End Cooler Headers**

ID: 7746

Industry: Fluid Flow Customer Location: Ontario, Canada
Application: CEP-Centrifugal Pumps Application Date: July 2018

Substrate: Cast Iron

Products: \* Belzona 1511 (Super HT-Metal),

#### **Problem**

Severe pitting, corrosion appeared on the covers after years of operation. The worst of the pitting was about 8mm deep









## **Photograph Descriptions**

- \* 1. Internal surface before application,
- \* 2. Internal surface showing severe pitting & corrosion damage ,
- \* 3. Belzona 1511 application, the product is being applied,
- \* 4. Completed application,

### **Application Situation**

End cooler headers of a tube sheet. Design temperature: 200F

### **Application Method**

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-5 & FBC-5. Belzona 1511 was used to rebuild the entire profile of the inside of the cooler heads.

#### **Belzona Facts**

The water collectors originally had no lining and were severely damaged after years of service. The Belzona solution restored the equipment thickness, preventing future corrosion and extending the useful life of the equipment. Manufacturing replacement heads would take over a year; however, with the use of Belzona they repaired the equipment and returned to service after a couple

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

BELZONA

www.belzona.com

of weeks avoiding prolonged downtime.				