

# LONGEVITY PUMP REPAIR WITH BELZONA

ID: 1911

Industry: Water / Wastewater Customer Location: District heating station, Sweden

Application: CEP-Centrifugal Pumps Application Date: 1998 and 2011

Substrate: Cast Iron

Products: \* Belzona® 1391 (Ceramic HT),

#### **Problem**

The pumps suffered from severe erosion/corrosion as they transport hot water at temperatures of 90-100 °C.









## **Photograph Descriptions**

- \* View of the pump,
- \* 3. & 4. Before cleaning after 13 years in service,

## **Application Situation**

Pumps used to circulate district heating water in Stockholm.

# **Application Method**

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3.

## **Belzona Facts**

The pumps had been in continuous use to provide the southern part of Stockholm with heat. After 13 years the pump was stripped to replace a seal and the coating was still as good as new and no effects from temperature or erosion could be seen.

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

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

