

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>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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