

# Cooling Water Spools after 5 years in service with Belzona

ID: 7793

Industry: *Fluid Flow*Customer Location: *Ireland*

Application:

Application Date: *2013*Substrate: *Steel*Products: *\* Belzona 1321 (Ceramic S-Metal) ,*

## Problem

*Corrosion and erosion from the sea water going through the spools.*



## Photograph Descriptions

- \* 1. Y- piece ,
- \* 2. Condition of Belzona 1321 ,
- \* 3. Elbow ,
- \* 4. Condition of Belzona 1321 ,

## Application Situation

The internal walls of several spools from the auxiliary cooling water system were coated with Belzona 1321 back in 2013. In 2018 the spools were removed for inspection still showing to be in excellent condition.

## Application Method

This application was carried out in accordance with system leaflet VPF-02. Originally the internals of the spools were grit blasted to SA2.5 and then coated with Belzona 1321. During the inspection in 2018 some minor repairs were carried out on the flange area and internal walls of the spools. Any area's that needed minor repairs were washed with Salt-Away and then grit blasted before reapplying some Belzona 1321.

## Belzona Facts

The spools were originally rubber lined. The rubber lining was removed in 2013 and Belzona 1321 was applied.

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

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