

# BELZONA REPAIR AND PROTECTS SCRUBBER ELBOW PIPE

ID: 8388

Industry: *Marine*

Customer Location: *SHIPYARD, TURKEY*

Application: *CEP-Centrifugal Pumps*

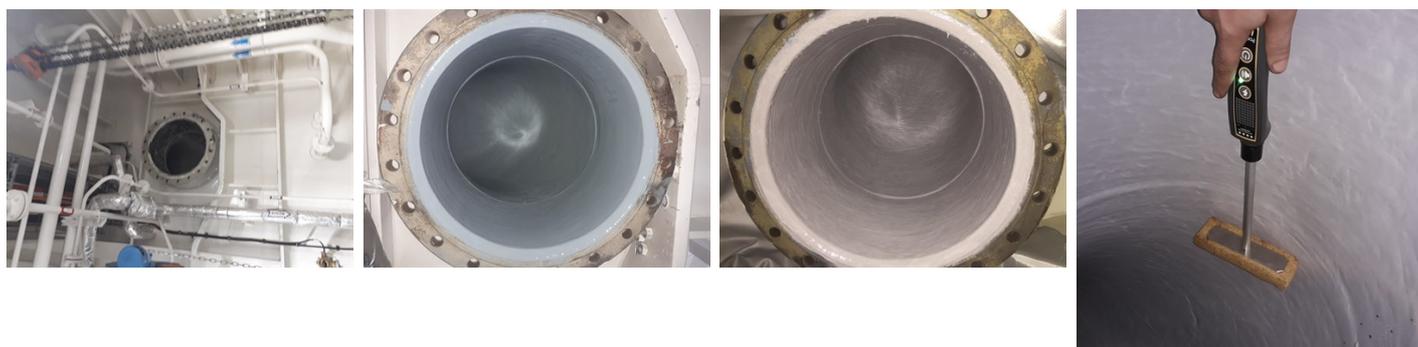
Application Date: *September 2020*

Substrate: *Steel*

Products: *\* Belzona 1511 Super HT-Metal and Belzona 1391T ,*

## Problem

*Internal surfaces of scrubber pipes are exposed to high corrosion and cavitation due to corrosive effects of the Scrubber Exhaust Discharge Water.*



## Photograph Descriptions

- \* 1. Scrubber Elbow Pipe ,
- \* 2. After first coat of Belzona 1391T ,
- \* 3. After second coat of Belzona 1391T ,
- \* 4. Sponge test on coating ,

## Application Situation

On board scrubber elbow pipes of Ro-Ro vessel

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-03 and CEP-05. Scrubber pipe surfaces have been prepared on board by the shipyard. All surfaces were thoroughly cleaned. Then the damaged surfaces and pittings were repaired with Belzona 1511 Super HT-Metal before coating with Belzona 1391T to provide overall erosion-corrosion and chemical protection.

## Belzona Facts

It is substantially more cost-effective to repair and protect with Belzona versus replacement. In short time scrubber transition pipes were repaired and protected against severe corrosive conditions of Scrubber Water. The application has been completed in one day without any hot works. Pipes are now protected against future erosion-corrosion damages.

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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