

# BELZONA IMPOUNDMENT PUMP COATING SIX YEARS ON

ID: 4748

Industry: *Marine*  
 Application: *CEP-Centrifugal Pumps*  
 Substrate: *Cast Iron*  
 Products: *\* Belzona 1341 (Supermetalgilde) ,*

Customer Location: *Port Authority, SW England*  
 Application Date: *Sept 2013*

## Problem

*The port authority had coated the docks impoundment pumps with Belzona 1341 six years ago and had taken the pump from service for routine maintenance.*



## Photograph Descriptions

\* 1. Spider bearings after 6 years in service 2, Pump casing very little wear to the Belzona 1341 3. Spider bearings re-coated with Belzpnz 1341 4. Pump internals after coating ,

## Application Situation

The port which is located in the South West of England on the Severn Estuary has the second largest tidal range in the world, 14.5 metres and suffers high levels of silt.

## Application Method

Application was carried out in accordance with Belzona Systems Leaflet CEP-10. The existing Belzona 1341 showed very little wear and small amount of build-up was cleaned by pressure washing before completing the surface preparation and re-coating with Belzona 1341.

## Belzona Facts

Due to the harsh environment in which the pumps operate, the Client has made the coating of all the pumps with Belzona 1341 standard due to both the increase in efficiency and the extension of pump life provided.

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ISO 9001:2015  
 FS 695214  
 ISO 14001:2015  
 EMS 695213

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