

BELZONAS CERAMIC SOLUTION FOR ELEPHANTS FEET

CUSTOMER

Korean Shipyard - 35,000 DWT Products Tanker

APPLICATION DATE

October 2004

APPLICATION SITUATION

Suction Wells under Elephants Feet" in Chemical Products Tanker"

PROBLEM

High fluid velocities combined with elevated temperatures and chemical products cause erosion-corrosion when tanks are filled or emptied.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1391 (Ceramic XHT Metal)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

The Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Belzona® 1391 was selected based upon its outstanding track record in high temperature erosion-corrosion protection, and further ships suction wells have been coated based upon the proven system.

PICTURES

1. Pre-application, showing areas to be radiussed
2. Belzona® 1311 used to stripe coat welds
3. Inspection of Belzona® 1391
4. Completed Belzona® 1391 protected well



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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