

# BELZONA GIVES SPIRAL CASING AND VANES NEW LEASE OF LIFE

ID: 117

Industry: *Power*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Mild steel*  
Products: *\* Belzona® 1341 (Supermetalgilde) ,*

Customer Location: *Hydroelectric Power Station in Japan*  
Application Date: *January 1996*

## Problem

*Erosion/corrosion caused by river water.*



## Photograph Descriptions

- \* Surface preparation underway in the spiral casing ,
- \* Casing coated with Belzona® 1341 ,
- \* Application completed by coating vanes ,

## Application Situation

Spiral casing and vanes

## Application Method

In accordance with Belzona Know-How Leaflet CEP-3. The casing and vanes were blast cleaned and the existing lining material (tar epoxy) peeled off. Belzona® 1341 was applied by airless spray. The coating was then tested for pinholes.

## Belzona Facts

The customer could have had the casing and vanes recovered in tar epoxy which would have been cheaper, but this type of material is not environmentally friendly. The major benefit is the extension of the life of the casing which is irreplaceable.

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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9000 Registered Quality  
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