

# Belzona Protects Guide Veins at a Hydro Power Station

ID: 9764

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Cast Iron  
Products: Belzona 1341 (Supermetalglide)

Customer Location: NSW Australia  
Application Date: July 2024

### Problem

The existing coating on the guide veins at the end of the penstock at the entry point to the impeller of the turbine, was starting to show the effects of erosion and corrosion.



Existing condition of guide veins

Guide Veins after blasting

First Coat of 1341 Grey

Completed with second coat of Belzona 1341 Blue

### Application Situation

Belzona 1341 Super Metal Glide was recommended as this 2-coat system is designed to improve the efficiency of fluid handling equipment.

### Application Method

The application was completed by the Rezitech Services onsite team in under a week ensuring a quick turnaround and minimal downtime for the Hydro Station.

### Belzona Facts

Belzona 1341 Super Metal Glide has excellent resistance from the effects of corrosion and erosion, plus the coating needed to be potable water approved.

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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manufactured under an ISO  
9000 Registered Quality  
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