

Product Case History



Glenfield Jet Flow Valve

LOCATION: Blowering Dam, Australia

DATE OF APPLICATION: March 2013

MARKET: Water & Wastewater

OWNER: State Water Corp

PROJECT SIZE: 15 Meters

AREA COATED: Interior

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Water Immersion - potable water

SURFACE PREP: SSPC-SP 5 (White Metal Blast)

PRODUCTS: Phenoline 341

PROJECT DESCRIPTION:

The Glenfield Jet Valve is placed on the downstream side of the dam wall to reduce the impact of erosion. Valve refurbishment takes place every 25-30 years.

The valves were manufactured back in the 1960's in the UK and the internals coated with a Phenolic resin and the exterior coated in a Vinyl system.

COATING SELECTION EXPLANATION:

The interior system was chosen due to correct specification, physical performance & potable water approvals. The exterior was chosen based around the product history and physical performance.

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AREA COATED: Exterior

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Water Immersion - potable water

SURFACE PREP: SSPC-SP 5 (White Metal Blast)

PRODUCTS: Carbozinc 858 DOT, Carbomastic 615

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ADDITIONAL PHOTOS:

