

BELZONA REPAIRS SCORED SHAFT ON A VALVE

ID: 9735



PROBLEM

A small hydroelectric plant owned by the local water authority had a series of gate valves. One had a score on a shaft used to actuate the valve. This score was forming a leak path.

APPLICATION SITUATION

This leak was becoming a concern for the plant owner. A contractor was called in to disassemble the valve & carry out a repair. The turnaround time on new parts was prohibitive so a Belzona solution was sought.

APPLICATION METHOD

The score was first ground out using a pencil grinder. It was also heated to remove any oil within the substrate. Belzona 1212 was then applied & overbuilt by ~2mm. The product was then dressed down smooth with the shaft surface.

BELZONA FACTS

The repair itself took around 1/2 a day to complete.

INDUSTRY

Power

LOCATION

Scotland

APPLICATION DATE

October 2024

PRODUCTS

Belzona 1212

SUBSTRATE

Carbon steel

PHOTOS

1. Surface preparation
2. Belzona 1212 application
3. Dressing down repair
4. Completed repair

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