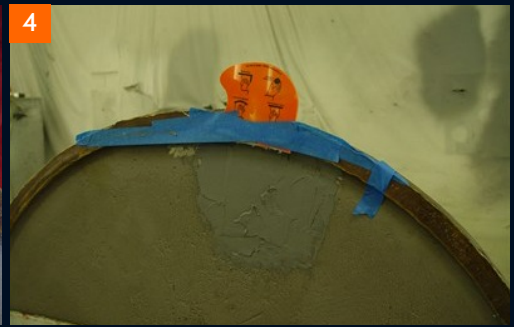


# BELZONA REPAIRS A 75-YEAR OLD VALVE FLAPPER

ID: 5350



## PROBLEM

Cast Iron flapper disc had developed a crack. The check valve was 75 years old.

## APPLICATION SITUATION

Hydro Dam Check Valve Flapper

## APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflet ENC-1. The plastic applicator was used to form the face in the seal area.

## BELZONA FACTS

Because the check valve was 75 years old there was no replacement available. Fabricating a new flapper from steel was just too expensive.

## INDUSTRY

Power

## LOCATION

OR, USA

## APPLICATION DATE

2013

## PRODUCTS

Belzona 1111 (Super Metal)

## SUBSTRATE

Cast iron

## PHOTOS

1. Flapper disc showing the crack at 1 o'clock.
2. Drilling the crack to place studs.
3. Area prepared, studs in place.
4. Belzona 1111 applied with reinforcement sheet, applicator taped in place to smooth the seal area.

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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