

BELZONA PROVIDES LONG-TERM PROTECTION TO A TURBINE'S INLET SCROLL AND BELLMOUTH

ID: 6396



PROBLEM

The failing coating provided no protection to the substrate against the environment and could flake off into the turbine. This could potentially lead to catastrophic damage including total shutdown and repairs to the turbine blades in excess of \$200,000.

APPLICATION SITUATION

The inlet scroll and bellmouth of a gas-fed turbine was previously coated with an inadequate coating.

APPLICATION METHOD

The entire inlet scroll and bellmouth were blasted to a near white metal standard. A stripe coat to all welds and seams was hand-applied and then a top coat of two coats of Belzona 5892 were installed.

BELZONA FACTS

The company tried multiple solutions without success before going with Belzona and achieving the level of protection needed for the turbine. The customer saved them thousands of dollars on downtime and repairs.

INDUSTRY

Power

LOCATION

Missouri, USA

APPLICATION DATE

October, 2016

PRODUCTS

Belzona 5892

SUBSTRATE

Steel/Metal

PHOTOS

1. Failing coating on the substrate.
2. Blasted substrate.
3. Coated substrate with Belzona 5892.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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

www.belzona.com

