

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

### CUSTOMER

Missouri, USA

### APPLICATION DATE

October, 2016

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 5892

### SUBSTRATE

Steel/Metal

### APPLICATION METHOD

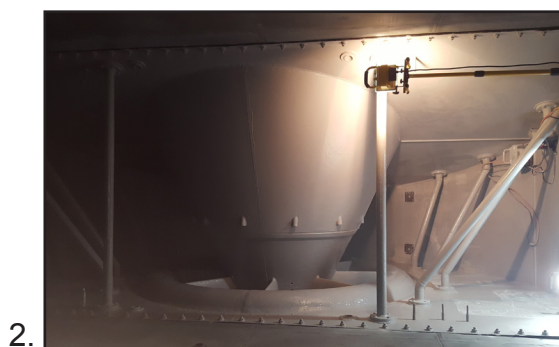
The entire inlet scroll and bellmouth were blasted to a near white metal standard. A stripe coat to all welds and seems was hand-applied and then a top coat of two coats of Belzona 5892 were installed.

### 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.

### PICTURES

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 <http://khia.belzona.com>



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

UK • USA • Canada • Thailand  
[www.belzona.com](http://www.belzona.com)

