

Belzona Provides Long-Term Protection to a Turbine's Inlet Scroll and Bellmouth

ID: 6396

Industry: *Power*
Application:
Substrate: *Steel/Metal*
Products: ** Belzona 5892 ,*

Customer Location: *Missouri, USA*
Application Date: *October, 2016*

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.



Photograph Descriptions

- * Failing coating on the substrate. ,
- * Blasted substrate. ,
- * Coated substrate with Belzona 5892. ,

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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