



Unconventional Solutions, Inc.

Experts in Repair and Protective Coatings

MI 248.735.7000 | OH 937.704.4220

www.USIgroups.com

Project: Gas Ventilator Refurbishment



The Problem

The housing, impeller, and castings of this furnace exhaust gas ventilator at this plant had been earmarked for refurbishment.

They required a high temperature resistance coating, which would withstand wet air at a temperature of 248-302°F.

The Solution

The internal components of the exhaust gas ventilator were abrasive blast cleaned to a minimum industry standard of NASE Grade 2, ensuring all loose abrasive dust and debris was vacuum cleaned away. **USI Hot Temperature Lining** was then applied.

USI Hot Temperature Lining is a two component, fluid grade, ceramic enhanced epoxy resurfacing compound that has been specially developed for high temperature immersion conditions. This makes it ideal for resurfacing pumps, impellers, valves, tube sheets, water boxes, and heat exchangers.

