



Unconventional Solutions, Inc.

Experts in Repair and Protective Coatings

MI 248.735.7000 | OH 937.704.4220

www.USIgroups.com

Project: Gate Valve Repair



The Problem

The surfaces of the gate valve shown in this photograph had been subjected to severe erosion and corrosion as a result of the very aggressive operating conditions.

Immediate repairs were required to extend the life of this expensive piece of equipment.

The Solution

All loose material was scraped away. The surfaces were then blast cleaned to a minimum industry standard of NASE Grade 2. Our multi-purpose ceramic epoxy **USI Ceramic Rebuild** was used to rebuild the internal surfaces of the gate valve, after which **USI Ceramic Lining FG** was applied.

USI Ceramic Lining FG is a solvent-free epoxy coating which provides a smooth, low friction finish as well as optimum levels of physical and mechanical strength, and superior resistance to erosion and corrosion.

