

Project: Heat Exchanger Rebuild



The Problem

This food processing company needed a solution for their Press Water Heater. The area around the tubes had a 1/4" to 1/2" of missing metal on the face plate of the heater and it was getting worse.

They asked us for a solution to rebuild and protect it so they didn't have to pay to replace this unit.

The Solution

They cleaned the area with **USI Universal Cleaner** and used the **USI Bristle Blaster** to create a 2-1/2"-3" anchor pattern around the tubes here there as missing metal. They then used **USI Epoxy Coating UC Paste** to build up the areas around the tubes. After allowing cure time for this material, they applied 2 coats of **USI 12T Lining** (avoiding the tubes) for the high temperatures this unit encounters

