

Project: Power Plant Warehouse Floor Restoration

The Problem

This warehouse floor was reaching the end of its life cycle and the client was looking for a way to refurbish it instead of tearing it up and pouring a new floor. This is the main warehouse that runs 24/7 for the utility company, so they are not able to close it down. Since Unconventional Solutions had had success with several other projects they selected our expertise and quality of service to do this job. They knew that if they

waited a couple more years, they would have to jackhammer the floor out and pour new. They were looking for a repair option to avoid the expensive replacement costs.



The Solution

To prep the floors, we used vacuum blasting on the large open areas and hand grinding with a vacuum attachment in tight corners. We then thoroughly swept and vacuumed to remove any remaining dirt and debris from the surface.

Once the area was fully prepped, we used 3M Scotchkote Epoxy Concrete Repair PR 415 to patch larger holes and mixed it with a little less aggregate to fill any smaller cracks in the floor. We then coated the entire area with 3M Scotchkote Sealer SP810 followed by 3M Scotchkote Epoxy Floor Coating HB850.

This project was done in stages over several weekends to avoid shutdown. The client was also pleased with the improved lighting from the light gray coloring which reflects back the light making the building more LEED friendly.

