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Project: Bag House Protection



The Problem

This Midwest Coke & Battery Plant was having problems with erosion and corrosion in their bag houses causing small holes that constantly needed welding.

They were looking for an alternative to replacement and selected 3M and USI for long-term protection and lower their

life-cost to do the job.



Solution

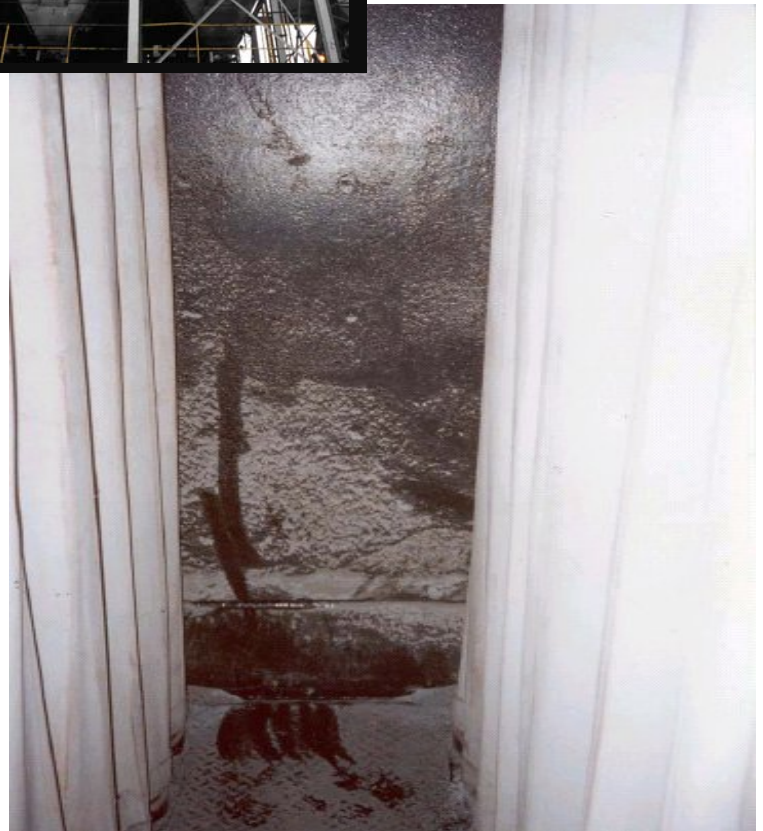
USI recommended the entire structure be water blasted to get rid of any salts or excessive corrosion. The small holes were repaired with Metal-Tech RG; our 100% solid metal filled polymer repair system.

The entire structure was then coated with two 12 mil coats of 3M Scotchkote 152LV. 152LV is a 100% solid, surface tolerant, corrosion protection system. It was selected due to the inability to sandblast the surface and the lower operating temperature.

Over a year later, the customer wrote:

"This product (3M Scotchkote 152LV) was used in our P.E.C. bag house, after repairs were made to the sheet metal. Corners and welds were patched with Metal Tech RG, another great product. After more than 1 ½ years of service we have seen no wear and the corners and welds have needed no return maintenance. This was a real problem in the past much time was spent making the repairs. Good Stuff."

--Ken Wrase



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