

June marks the ½ point of the year, and if you are in the Mid West your capital improvement or maintenance budget is not looking real good? Looking for way to stretch what little you have during the busy construction and repair season? Aggravated, and even angry with your accounting people saying not to spend, while production is asking why your plant is not running more productively? Your Unconventional Solutions Technical Consulting Team can help!

## Bag House Protection

Erosion & Corrosion is a very common problem when you have coal or coke burning to create fuel. See what we did for this Coke & Battery Plant in Michigan to protect their very important bag house and improve reliability. This eliminated unscheduled repairs and welding that was costing them downtime and impacting production cost. This repair has been in service for more than 18 months and looks like the first day it was installed, eliminating all repairs.



## Materials Used

The customer used **3M** Thortex Metal Tech RG; a high performance rapid curing, engineering grade, metal repair compound specifically developed for rapid turnaround of metal where excellent mechanical strength and easy machining properties are required on the seams. It was coated with **3M** Chemi-Tech 152LV a high performance solvent free high build system used for coating steel and concrete structures with a minimum of surface preparation over the entire inside of the structure with two coats of 12 mils each.

## Letter from a Delighted Customer

"This product (Chemi Tech152LV) 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 maint. This was a real problem in the past much time was spent making the repairs. Good Stuff."

Ken Wrase, EES Coke



## NACE Updates

-Annual NACE Detroit Section Golf Outing- Friday, June 5, 2009

-Chicago NACE Section Golf Outing- Friday, June 19, 2009

Contact our office at: [Office@UnconventionalSolutions.biz](mailto:Office@UnconventionalSolutions.biz) if you need more details.

## Thoughts from the President

In these challenging times it is important not to lose sight of the big picture and avoid being "Penny wise and pound foolish," As the British like to say.

1. Remember rust never stops and like so many other things it cost much less to address it early in your equipments or structures life cycle than late. At USI we specialize in high performance solvent free **3M** corrosion protection systems that often reduce your labor cost, by allowing to put on fewer coats with a higher wet mil thickness build. This lowers your over all life cycle cost saving you money and improving reliability. Saving you money today as well as helping you avoid more expensive repairs in the future.

2. Ask about our Training Program to help you avoid unscheduled outages or down-time. Our 3M Engineering Repair Compounds offer many reliable ways to repair equipment in place.

3. School is out for the summer, so if you are driving through a neighborhood, slow down and watch out for the children playing. It is summer.

Sincerely,

Doug Klingensmith

(248) 685-7580

[www.unconventionalsolutions.biz](http://www.unconventionalsolutions.biz)



Inside of Bag House Before & After

