



CUI, a problem along the top edge of the support ring on CO GEN Stack #2..... occurred as a result of the failed caulk joint.

2015/01/08

Ground level stack
temp.




01/29/2015 07:54

Rolled on application (not recommended) approx 120-150 mils. Resulted in approx 90 deg F drop in temp.

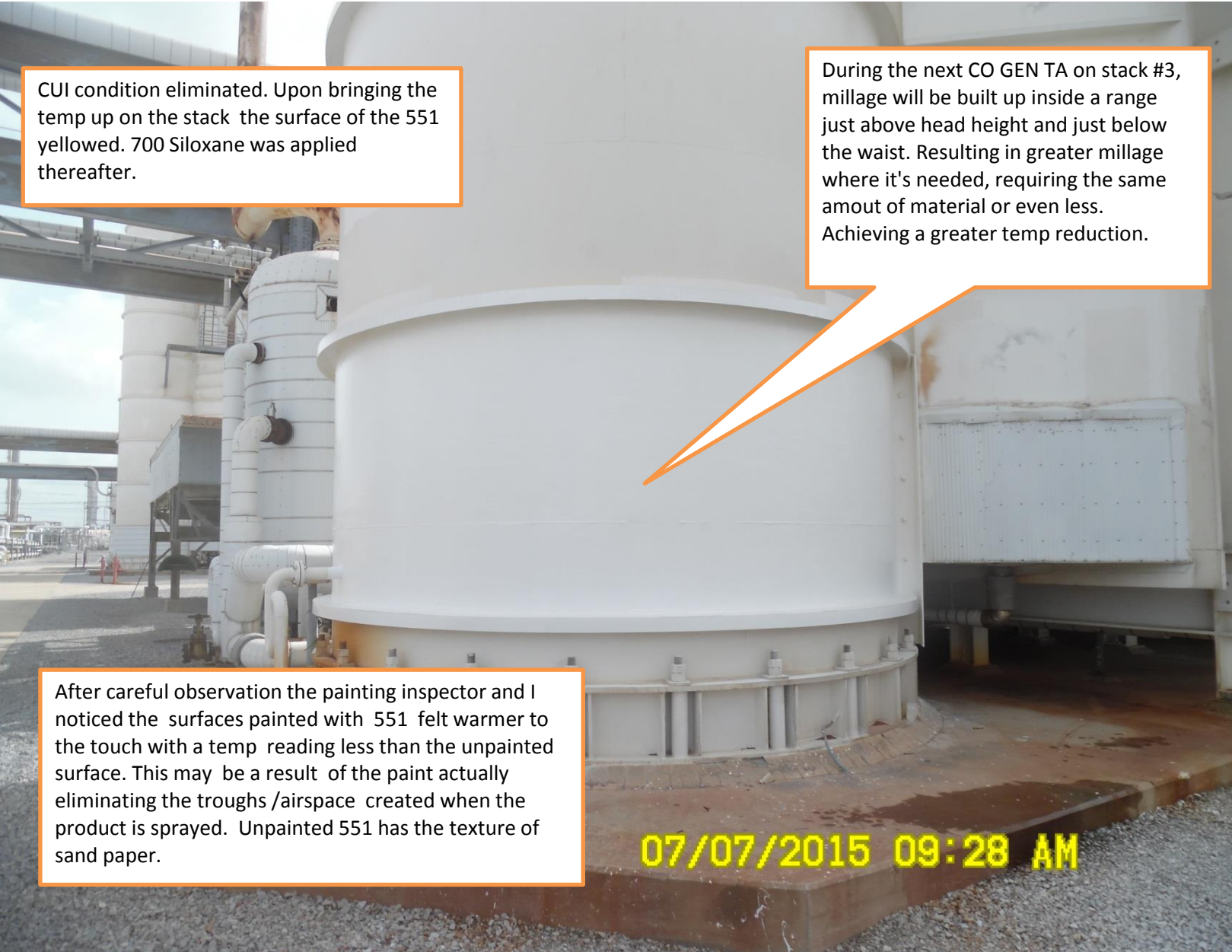


01/29/2015 07:55



First coat blistered at the top section of the stack. No water was added to the 551 initially. Surface temp was just under 300 deg F when the blistered coat was applied. Heavy coats as opposed to numerous thin coats resulted in sections that needed to be cut out and recoated. Conditions were also windy which added a degree of difficulty given the "light" physical properties of the product. The end result was a significant amount of waste in addition to a poor finish.

05/20/2015 07:54



CUI condition eliminated. Upon bringing the temp up on the stack the surface of the 551 yellowed. 700 Siloxane was applied thereafter.

During the next CO GEN TA on stack #3, millage will be built up inside a range just above head height and just below the waist. Resulting in greater millage where it's needed, requiring the same amount of material or even less. Achieving a greater temp reduction.

After careful observation the painting inspector and I noticed the surfaces painted with 551 felt warmer to the touch with a temp reading less than the unpainted surface. This may be a result of the paint actually eliminating the troughs /airspace created when the product is sprayed. Unpainted 551 has the texture of sand paper.

07/07/2015 09:28 AM

Temp reading this morning on the bare surface of the stack.



07/07/2015 09:34 AM

Lower portion of stack..... approx 130 mils of 551 topcoated with 700 siloxane. This morning read approx 50 deg F cooler with the insulative coating.



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