

June 07, 2010

THE BIG PICTURE

Using its various divisions, Turner Industries successfully completed a H401-A furnace rebuild and a simultaneous VCM Turnaround on time with zero recordable injuries. When the H401-A furnace was severely damaged as the result of a valve rupture, Turner's Specialized Welding group (SWS) was awarded the rebuild project. Using the services of the Turner Crane and Rigging group and the Turner Scaffolding group, the demolition phase began. The work scope doubled when a corrosion issue was discovered, but the project end date remained unchanged. Calling on Turner's new 500 ton Demag crane, the new convection box and stack were installed. The required NDE was then performed by Turner Specialty Services' inspection group.

At the same time, multiple Turner groups performed the VCM Turnaround. The Specialized Welding group worked hand in hand with the Maintenance Division replacing multiple fin fans and performing a multitude of piping modifications to suit the replacement fin fans. Also, a large vessel in the Caustic service required a lot of Nickel weld metal restoration. This was accomplished with the help of the Scaffolding, Crane and Rigging and Industrial Services (inspection, hydroblasting, bolt torquing and bundle pulling) groups. In spite of a considerable amount of discovery work, the ability of all of the different Turner groups to plan, communicate and work together resulted in the furnace replacement and the turnaround being completed with no recordable injuries and a weld repair rate under 2%.

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