



Case History 566

Power Plant Ductwork

In 1993, a Raven Certified Applicator, rehabilitated five 20' tall 50' diameter severely corroded steel scrubber tanks for Western Resources Jeffery Energy Center in St. Mary's, KS.

The tanks were turnkey abrasive blasted and coated in two weeks, in difficult high humidity conditions resulting from continuous overhead steam release stocks. The coating is subjected to tremendous thermal stresses with operating temperatures in the tanks of 190°F and ranging up to 200°F plus per day when taken off line.

The tanks were lined with 75 mils of Raven 405. Ductwork from the scrubber tanks to the stacks had failing refractory cementitious lining which was removed and replaced with 80 mils of Raven 405.

