



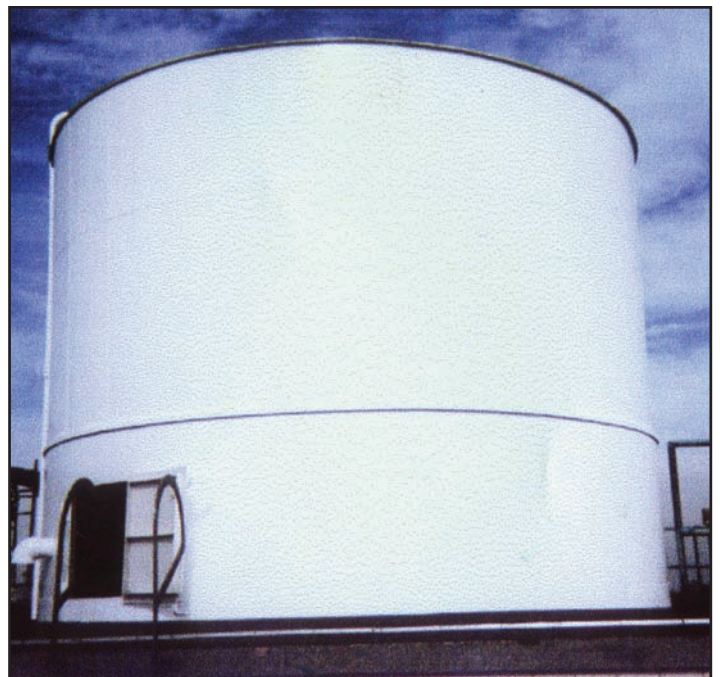
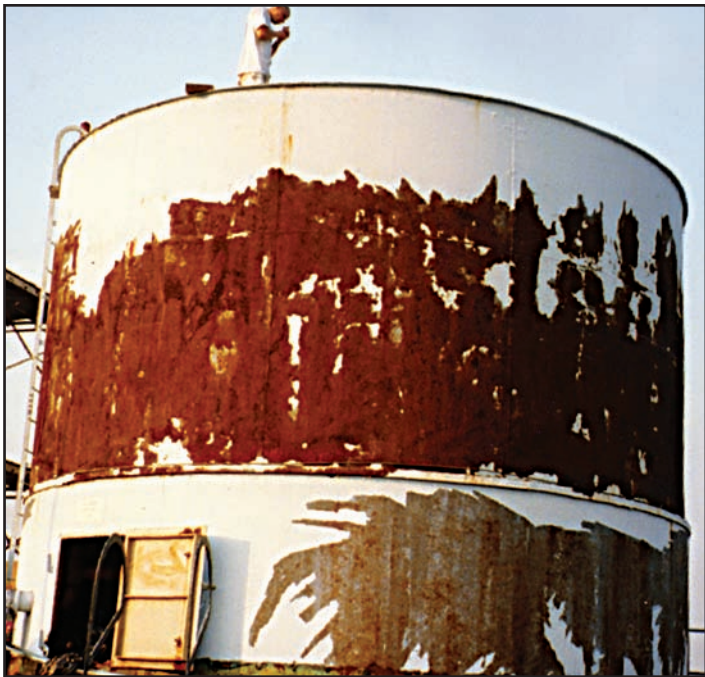
Case History 541

Corroded Steel Water Tank Rehabilitation

Over a long weekend, Raven 405 and A-6 coating systems were used to rehabilitate this severely corroded steel water tank on top of a 15-story building in New York City. The tank supplied fire fighting water to the building. The top of the tank was severely corroded and had numerous holes. After sandblast preparation, steel patches were riveted to structurally deficient steel. 40 mils of Raven 405 was then applied to the top of the roof and the inside of the tank. Fiberglass fabric was laid into the exterior roof surfaces and

an additional 50 mils of Raven 405 was applied to these surfaces. The entire tank, inside and out, was then coated with 20 mils of Raven A-6, which is ANSI/NSF 61 certified for contact with potable water.

The tank remained in service throughout the application by utilizing the baffle inside the tank to move the water from one side to the other while rehabilitating. PIM Corporation of New Jersey, a Raven Certified Applicator, performed the rehabilitation.



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