



34400 Mound Rd. Sterling Heights, MI 48310

1-844-VSE-RUST (1-844-873-7878)

E-mail: 1844VSE-RUST@VSECORP.COM

Corrosion Prevention Material Case History Corrosion Repair and Protection: Steel Tank Farm

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PROBLEM: The steel tanks and piping were exhibiting corrosion. According to the 2011 National Fire Protection Association regulations, all tank farms are required to be protected from corrosion. The customer was looking for an easy, long lasting, cost effective solution to their corrosion problem.

APPLICATION: The tanks and piping were pretreated with a cleaner/degreaser, pressure washed, then rinsed with fresh water. Once dry, the corroded areas were then coated with corrosion preventing primer. Once cured, a unique water-based acrylic primer/topcoat, white in color, was sprayed on as a topcoat. The application process took approximately 3 days to treat 4 tanks and 200 feet of piping.

SOLUTION: The tanks and piping have lasting corrosion protection and will continue to be regulation compliant. These environmentally friendly products have provided an easy, cost effective solution to help maintain this customer's needs. The physical appearance of the tanks and piping is superior to previous painting attempts and an extended service life is expected.



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1-586-254-8983

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