

User: Power Plant

DESCRIPTION OF THE PROBLEM: The demineralized water tank, after several years of operation, required repair of the partially damaged coating. After the inspection, a decision was made to completely replace the protective coating.

DESCRIPTION OF THE REPAIR: After emptying, the tank was sandblasted to remove the old coating. The assumed surface condition of Sa 2½ was obtained. **Chester Coating E1** and, after initial curing, **Chester Coating E2** were used to protect the surface. It is a 2-layer system applied airless spray, giving a coating with increased chemical resistance. Prior to the application of the first layer, in places particularly exposed to the possibility of flow of the applied product (extremely sharp edges and uneven welds), an initial layer was applied to completely eliminate the possibility of unacceptable thinning of the coating.

ACHIEVED EFFECTS: The use of the **Chester Coating E1/E2** system restored the tank to full efficiency. The lack of solvents in the products used and the airless spray application system significantly shortened the time of work compared to solvent-based products.

