



HYDRAWRAP

STRUCTURAL COMPOSITE REPAIR SYSTEM

Market *Industrial*

Challenge

The installation of 20" 304SS piping resulted in joint welds being out of compliance with ASME. The piping contractor needed a solution that complied with both owner specifications and ASME's design codes.

Engineered Solution

The HydraWrap fiber-reinforced composite repair system was selected to reinforce the welded joints. HydraWrap is a corrosion-resistant, nonmetallic repair method that provides structural reinforcement for pipe defects. The ASME PCC2 Standard for the Repair of Pressure Equipment and Piping approves nonmetallic repairs.

Scope

HydraTech Engineered Products LLC provided the design and furnished the HydraWrap materials. The repair included preparing the surface and applying the recommended thickness of HydraWrap.

Solution

HydraWrap proved to be a time-efficient and cost-effective repair that will greatly extend the operational life of this pipe.



HydraTech Engineered Products, LLC
HydraTech Field Services, LLC

10448 Chester Road, Cincinnati, Ohio 45215 Phone: (513) 827-9169 Fax: (513) 827-9171

<http://www.hydratechllc.com>

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