

Application Profile

- Project:** Fasken Oil and Ranch, Ltd., Targa Conger Gas Plant
Oil / Condensate Tank Tops, Corrosion Protection
Big Spring, Texas area
- Polyurea Applicator:** BBL Falcon Industries, Midland, Texas
Inspection / Project Monitoring by Primeaux Associates LLC
Application support by VersaFlex, Incorporated
- Polyurea System Applied:** *EnviroLastic*[®] AR-200HD, The Sherwin-Williams Co.
- Substrate / Area:** Steel Tank Tops, 12 ft diameter each, 460 ft² (42.7 m²)
- Date:** September 2007

BBL Falcon Industries has taken full advantage of the resurgence of the oil drilling activities in Texas, Oklahoma and New Mexico. In field sites, a series of steel storage tanks are used to contain oil and process condensate. Many of these tanks have corroded tops, which allow material to spill out, as well as product contamination. The AR-200HD is applied at a minimum average 80 mils (2 mm) to provide a corrosion resistant system, as well as patching the holes in the tank tops. Numerous tank top coating applications have been successfully performed at various drilling sites now using the FSS-50DM polyurea system from VersaFlex, Incorporated.



Prior to application of the AR-200HD, the tank tops were prepared via SSPC-SP 1 Solvent Cleaning. LP-WC was used with injection of BioSolve[®], a biodegradable hydrocarbon mitigation material, to remove dirt, oil overflow contamination and debris. The tank tops were allowed to dry, followed by application of a minimum average 80 mils (2 mm) of the AR-200HD on the top and on the side walls about 2-inches (5 cm).

The AR-200HD system was applied using a GlasCraft[®] MH-III proportioning unit fitted with a GlasCraft[®] Probler[®] P2 spray gun. An "02" chamber was used with an "01" insert tip. This provided controlled output and spray pattern at 2000 psi (138 bar) processing pressure.



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