

Tank Farm Level Monitoring

Lacombe Waste Services install TFT32's to monitor and control waste oil

Thirteen TFT32's and ultrasonic sensors were installed at this waste oil recycling facility near Ottawa, Ontario. Before installing the system operators had to manually dip the tanks before filling and used an high level float/alarm to prevent overfills.

Lacombe selected the TFT32 system so that several operators could view tank levels from their different locations around the plant and office. They liked TFS Tank Farm Supervisor software and TFC Tank Farm Client software because it allowed each operator to monitor the tank farm right from their own PC.

Sensors are installed in 6" diameter standpipes at the top of each tank with up to 500 ft. (150 m) coaxial sensor cable run back to the TFT32 electronics installed in a central shed near the tanks.

Eight of the tanks contain solvents or small concentrations of explosive hydrocarbons so these TFT32's include Intrinsic Safety Barriers. PZ32TE all-Teflon sensors were used on the solvent tanks for chemical compatibility.

This is a typical example of the type of customer and application the TFT32 system was designed for. Lacombe started with 13 tanks, but can expand the system up to 32 as their company grows.



TFT32 Tank Farm Monitoring System



TFT32 Transmitters