



CASE HISTORY

Texas petrochemical company saves over \$600,000 in maintenance costs for chemical decontamination of quench oil & water towers as compared to conventional methods



Results Achieved

70% reduction in down time

Over \$600,000 in maintenance cost savings

Cleaner equipment, ready for hot work and manned entry

Zero LEL and zero Benzene after 32 hours

A large petrochemical company in Texas used FQE® LEL-V and FQE Oil Degreaser products to decontaminate and clean the quench oil, quench water, and caustic wash simultaneously.

All of the associated heat exchangers and piping were included in the cleaning path. Typically, it took several days to evacuate the system of hazardous vapors such as benzene. After 24 hours of steam phase injection, using FQE product, the towers were at zero LEL and zero benzene. The quench towers were circulated for 8 hours with FQE Oil Degreaser to remove heavy oils. In prior cleaning trials, this method of cleaning required several days from shutdown to return to maintenance.

The plant estimated that over \$300,000 was saved per tower compared to conventional cleaning methods.

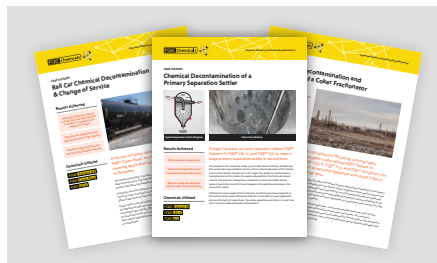
Chemicals Utilized

FQE LEL-V

FQE Oil Degreaser



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