FQE Chemicals 📿

CASE HISTORY

US petroleum refinery gained over \$2 million in additional production time when using FQE® products to decontaminate crude and vacuum distillation plants



Results Achieved

70% reduction in down time

Over \$2,000,000 in additional revenue

Over \$150,000 in maintenance cost savings

Chemicals Utilized



A petroleum refinery in the Southern United States used FQE Solvent-H, FQE LEL-V, FQE H₂S Scavenger and FQE Pyrophoric products to decontaminate and clean crude and vacuum distillation plants.

The cleaning in the units involved the towers and all associated piping and heat exchangers. The crude unit cleaning included two desalters. The rose unit cleaning included the resin settler tower and all heat exchangers. The crude unit towers, piping and exchangers were circulated using LCO and FQE Solvent-H to remove residual tars and asphaltenes during the normal cool down and flush procedure. The equipment was steam phase degassed following the heavies removal. The two desalters were circulated with FQE Solvent-H to solvate accumulated organic sludge.

After FQE Solvent-H application, the towers were drained. Degassing was completed after 12 hours of chemical injection into a steam sparge. All equipment was successfully cleaned and acceptable for hot work on inspection. The plant estimated that over \$150,000 was saved over the conventional method of cleaning and over \$2.0 million was gained in additional production by the time savings.



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FQE[®] Chemicals

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White Papers

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Video Library

View videos from our lab where we have tested a range of client samples to show how effective our chemicals are.

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Contact us

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