



Project : Reclaim oil re-refining plant expansion
Breslau, (Ontario), Canada

Client : Safety Kleen

Project description :

Safety Kleen is planning to increase its reclaim oil hydrotreating capacity by 25% which corresponds to an incremental production of 3500 BSPD. Ultragen has successfully identified the de-bottlenecking opportunities that will make this expansion possible during a planned shut-down thus avoiding any loss in production.

Ultragen has also designed the modifications to be implemented in the high pressure hydrotreating unit and the vacuum fractionation unit. As part of this project, over 200 equipment items were specified by Ultragen's multidisciplinary team for procurement. Among these were pressure vessels, heat exchangers, fire heaters, compressors and a great number of pumps.

The plant layout was optimized within the confines of a limited footprint. Ultragen designers' wisdom and creativity were exploited in delivering a highly compact unit incorporating the mandatory features of safety, performance and efficiency.

Refining



Year of realization : 2008 – on going
Project value : 30 M\$

Services offered by Ultragen :

- Process evaluation of the existing unit
- Process design for the hydrotreating and vacuum fractionation units
- Project cost estimate and work schedule
- Design of piping and pressure vessels
- Design of foundations and support structures
- Design of the control and instrumentation systems
- Design of the electrical distribution network

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