

Project : New diesel desulphurization unit
Come-by-Chance, New-Foundland, Canada

Client : North Atlantic Refinery Ltd.

Project description :

Ultragen was mandated to conduct the detailed engineering phase for the construction of a new 26 000 BPD hydro treatment unit for the desulfurization of diesel. The work targeted the seamless integration of this AXENS proprietary technology into the existing refinery operations. This implied some process modifications to the satellite units and peripheral equipment found both upstream and downstream of the new unit.

Ultragen's experienced multidisciplinary team was responsible for the design and specification of the new process equipment which included a high pressure reactor, several heat exchangers, an amine tower along with their auxiliary pumps and control valves. Ultragen successfully managed the procurement activities, including the challenge of having the high pressure reactor - fabricated in India (Mumbai) - delivered in Canada.

Ultragen also had its piping design team working on site to identify the process tie-ins, perform the field verifications, established the final routing and carry out the stress calculations for the piping associated with the entire job.

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Year of realization : 2004-2005
Project value : 35 M\$

Services offered by Ultragen :

- Project management
- Project schedule
- Detailed engineering – multidisciplinary
- Procurement
- On site technical support

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