

## Diesel Hydro De-sulphurisation Unit for Indian Oil Corporation Limited, India

Indian Oil Corporation Limited (IOCL) is India's largest public sector refining companies, with refineries in Panipat and Mathura in Northern India, Digboi, Guwahati and Haldia in eastern India, and Vadodara, Gujarat in western India, and a total refining capacity of 60.2 MMTPA. In order as to meet lower Sulphur norms in diesel produced by refineries, IOCL decided to invest in a Diesel Hydro Desulphurisation Unit in its then 6 MMPTA refinery (currently undergoing expansion to 12 MMTPA). Basic Engineering Package for the 700,000 TPA DHDS Unit was provided by IFP (now Axens). Uhde provided Residual Basic Engineering and Detailed Engineering Services including technical part of procurement assistance to the EPC contractor, who were executing the project on Lumpsum Turnkey basis for IOCL. This project was implemented to meet the lower sulphur norms for diesel that were introduced in India at that time.

The DHDS unit was the country's second low sulfur secondary processing unit to be commissioned, following the one at IOCL's Gujarat Refinery. Executing the project under very tight schedule was imperative in meeting the deadlines laid by the new government regulation.



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