A Honeywell Company

UOP Modular Solutions for Isomerization Technologies

Minimize overall project schedule, cost and risk

UOP Modular Solutions for Isomerization technologies provide a dependable, high quality, and cost competitive unit delivered at a fixed price and schedule.



Experience

UOP has been designing and commissioning Isomerization units for more than 50 years. UOP Isomeriation units provide higher yields, longer catalyst life and high on-stream time to produce gasoline blending components. As of 2013, more than 343 units have been commissioned. UOP has engineered and delivered 18 modular isomerization (Butamer™, Penex™ and Par-Isom™ processes) units as fully-engineered and fabricated modular units. The modules, which include all of the piping, vessels, heat exchangers, pumps, instrumentation, and electrical for the process unit, are shipped complete and are ready for installation at the customer's site.

Benefits

Minimize project risk and execution time

UOP Modular fabrication delivers a cost competitive unit at a fixed price and schedule. The customer's return on investment on the project is maximized and project risk is minimized by providing a unit, on-stream, on-time, and on-budget. In addition, the overall project time can be as much as 25 percent less than conventional field erection by execution of the fabrication and site preparation in parallel.

Quality control for project duration

UOP Modular is ISO-9001:2008 certified. The units are fabricated in a controlled shop environment where working conditions are not affected by weather. UOP experts perform comprehensive reviews and inspections throughout the project.

Reduced on-site scope of work

UOP Modular solutions reduce the amount of resources required for on-site installation, such as skilled labor, logistics, etc. Isomerization unit installation can be completed in a few weeks, with the remaining piping, instrument, and electrical installation requiring a few more weeks for completion. The disruption of existing plant operations is minimized.

Features

- Customization to meet client specifications including all of the above grade ISBL structure, piping, vessels, heat exchangers, rotating equipment, instrumentation, analyzers, and electrical
- UOP mechanical warranty and process guarantees for yield, catalyst life, and Isomerate RONC or conversion
- Feed pre-treatment process like naphtha hydrotreating (NHT) and LPG Unionfining™ processes

For more information

For more information please contact your UOP representative or visit us online at www.uop.com.

UOP LLC, A Honeywell Company
25 East Algonquin Road
Des Plaines, IL 60017-5017, U.S.A.
www.uop.com

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