REFINING

UOP Modular Solutions for UOP Merox™ Technology

Reliably meet your product treating requirements while controlling your project execution and costs





Introduction

More and more customers are choosing modular construction as an alternative to conventional, stick-built field construction for technology implementation. With UOP Modular solutions, we take beginning-to-end, single-source responsibility for the project, providing the highest quality end-product to our customers at a fixed price and schedule.

The UOP Merox process technologies are well suited for modular fabrication. UOP incorporates the culmination of design experience gained from the operation, maintenance, and engineering of 1800+ licensed Merox units into the layout of the equipment and critical piping. Safe and simple operations and maintenance-friendly modular units are UOP's signature.

FEATURES & BENEFITS

- **Cost-competitive fixed price** - Project costs are established upfront, no cost overrun from change orders and delays
- **Accelerated project completion** - Fixed delivery schedule means faster start-up and earlier return on investment
- **Superior quality** – Avoid punch lists, change orders, and start-up issues
- **Leaner construction** - Drastically reduce onsite congestion, construction waste and labor-force requirements
- **Customization** - Custom built to meet client specifications, applicable codes, and plot area constraints
- **Performance assurance** – UOP has single point accountability and provides process performance guarantees and mechanical warranty



Minimized overall project risk and execution time

UOP Modular fabrication delivers a cost-competitive modular Merox unit at a fixed price and schedule. This minimizes the overall project risk and maximizes our customer's return on investment by providing the unit on-stream, on-time and on-budget. Overall project execution time is shortened by integrating the basic engineering design with the detailed design and fabrication steps. In addition, site and foundation work occurs in parallel to the execution of the module fabrication.

Quality controlled for UOP project duration

UOP Modular is ISO 90 01:20 08 certified. Fabricating the unit in a controlled shop environment mitigates risk of weather delays and offers consistent and high-quality workmanship. UOP experts perform comprehensive reviews and inspections throughout the project.

Reduced on-site scope of work

Choosing UOP's Modular Merox delivery solution considerably reduces the amount of resources required for on-site installation such as skilled labor, logistics, etc. Merox unit module installation can be completed within five days, with the remaining piping, electrical and instrument tie-ins requiring a few more weeks for completion. Additionally, UOP prepares site installation instructions and can provide an experienced Modular Site Installation Advisor as an optional ser vice to our customers.

Experience

UOP has engineered and delivered more than 65 modular Merox units world-wide ranging from 650 to 65,000 BPSD capacit y. In addition to the delivery of Modular Merox units, UOP's Modular Equipment Group has designed, fabricated, and commissioned over 180 licensed modular units worldwide since 1982.

For more information

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