



# TOWERS

At UPS, our highly trained and experienced supervision and work crews leverage their extensive knowledge of all manufacturers' vessel and tower internals to provide solutions that ensure the most efficient process. Our crew leaders, who have a minimum of 15 years of experience, take great pride in providing quality craftsmanship as well as recommendations on how to manage discovery work to meet the original schedule.

## SERVICES

Blind-to-blind services

Tray cleaning and hardware repair/replacement

In-place tray repairs

Experienced in current distillation and fractionation technology

Extensive experience installing all manufacturers internals

Tower, drum and reactor revamps

Ability to source tray parts and hardware in very short lead times

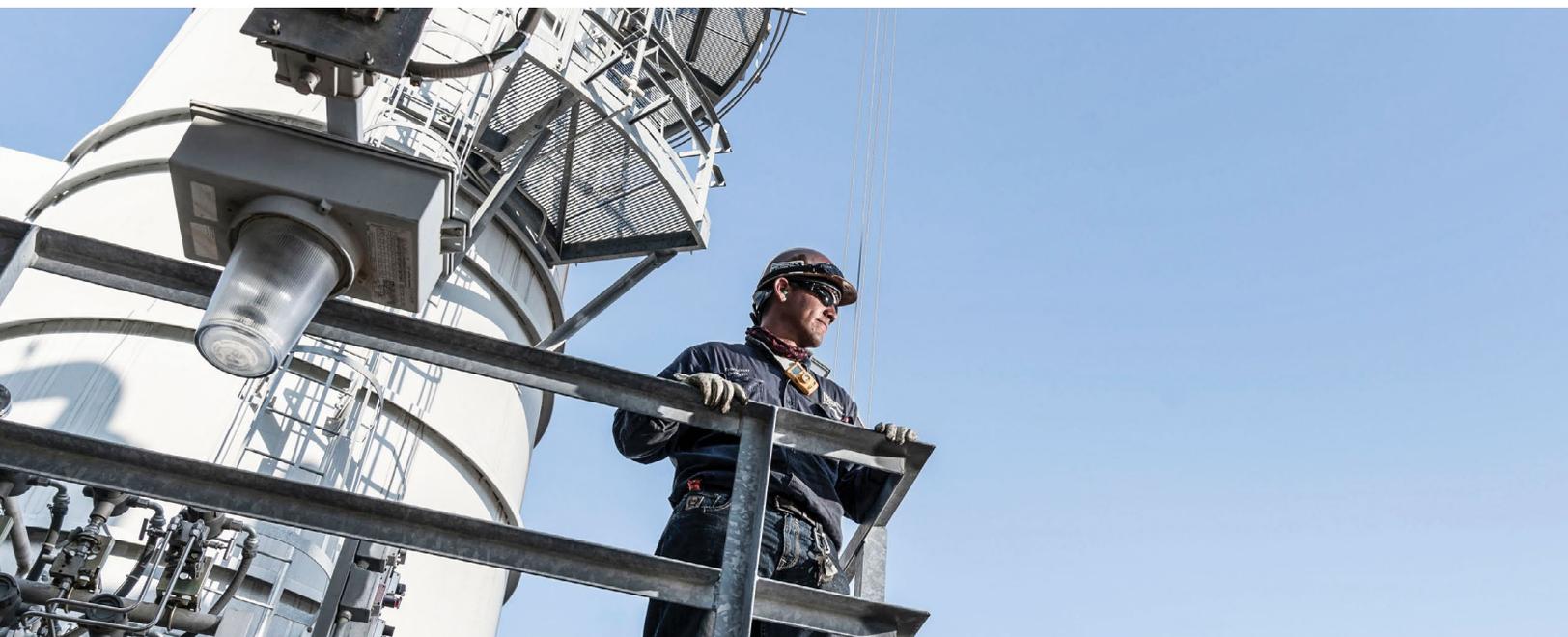
Critical lift planning and review

Full-time code welding staff: nozzles, resections, flush patches and manual weld overlay

Installation and modification of tray support rings and tower attachments

Removal and replacement of all types of packing, structured or random, and all materials: carbon, SS or ceramic

Vessel re-rates and design





 <b>ROTATING EQUIPMENT &amp; TURBOMACHINERY</b>	 <b>ENGINES &amp; RECIPROCATING COMPRESSORS</b>	 <b>MECHANICAL &amp; HEAT EXCHANGERS</b>
 <b>PIPING &amp; SPECIALTY WELDING</b>	 <b>TOWERS</b>	 <b>FIELD MACHINING &amp; TECHNICAL BOLTING</b>
 <b>INSTRUMENT &amp; ELECTRICAL</b>	 <b>VALVE SOLUTIONS</b>	 <b>REPAIR &amp; FABRICATION SHOP SERVICES</b>
 <b>TANK SOLUTIONS</b>		 <b>ENGINEERED SOLUTIONS</b>

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