

THE BIG PICTURE

MULTI-DIVISION SUCCESS FOR MERISOL VESSEL

Multiple Turner Industries divisions worked together to successfully fabricate, haul, and erect a 100-ton, 206-foot-tall ASME code distillation column. The project began at Turner's Decatur, Alabama vessel fabrication facility and was completed at the client's site in Houston, Texas.

The column was to be fabricated under normal code requirements including associated caged ladders, platforms and major insulation, and then be cut in half to ship overland in two pieces. Once on site, it would be put back together, and using the ASME "R" code stamp procedures, it would be recertified.

As the fabrication neared completion, it was determined the project schedule needed to be shortened due to the limited remaining life of the existing column that was to be taken out of service. Ways to reduce the cost and the time needed to get the vessel to its destination were discussed as every day out of production carried high opportunity costs.

Turner's Equipment and Heavy Hauling Division proposed time and money could be saved by using Goldhofer modular transporters to ship the column overland in one piece. Numerous routes were surveyed and analyzed and multiple state authorities were petitioned to issue permits to allow the transport.

The massive column was loaded onto the motorized articulating piece of equipment. Traveling primarily by rural highways, the convoy covered a distance of more than 850 miles, through four states and was delivered in three days within an hour of the originally scheduled delivery time.

Once on site, Turner Industries' Construction Division removed the old column, performed the final "dress out" and erected the new column. Unit start-up was completed without incident and specification-grade product was being produced in a record 42 hours rather than the 10-day period normally experienced in comparable circumstances. Fabrication, heavy hauling and erection were coordinated among the three divisions with maximum efficiency and cost savings to the customer.



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