



## ULTRA LOW SULFUR DIESEL HYDRO-TREATER

CLIENT - Giant Industries, Inc.

LOCATION - Yorktown, VA

### DESCRIPTION

Matrix Service provided turnkey construction for the addition of a diesel hydro-treater unit as part of Giant Industries Yorktown Refinery Ultra Low Sulfur Diesel (ULSD) project. The diesel hydro-treater unit included a new DHT. Matrix executed this project under an incentivized contract.

Initially, the project scope of work included concrete foundations, erection of structural steel, installation of large-bore and small-bore process piping, equipment installation, and subcontractor management. The equipment installation includes reactors, heat exchangers, catalyst, pumps, strippers, coolers, steam piping with supports, aerial compressors (gas), heater, MCC, emission monitors, and run-off collection.

In addition to the initial scope, Matrix also provided: flare stack foundation, flare stack equipment setting, electrical building setting, hot tap vaults, installation of outside battery limits (OBL) underground piping, and OBL foundations, pipe rack steel, and additional piping.

### PRINCIPAL FEATURES

- New (1000 psi) 12,000 BBL/d DHT with Process Dynamics
- Isothermin technology
- Erection of 280 tons of structural steel
- 7,400+ lf of large-bore process piping
- 13,500+ lf of small-bore process piping

**FOR MORE INFORMATION:**

**[matrixservice.com](http://matrixservice.com) | 866 367 6879**



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