



Polaris

ENGINEERING ★ FABRICATION ★ CONSTRUCTION

International Presence Extends Across the Globe

Polaris has an established international presence, with dedicated offices in the United States, Virgin Islands and a footprint that includes 19 countries and five continents.

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Hands On Training (HOT) Unit™ LNG Operations Trainer

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ENGINEERING ★ FABRICATION ★ CONSTRUCTION



Process Operator Training on Real World Equipment

Hands On Training (HOT) Unit™

HOT LNG — LNG Operations Trainer

We design and build Hands On Training (HOT) Units™ for Engineering and Process Technology programs at colleges and universities, as well as for Basic Operator Training programs. The units are engineered, designed and fabricated to industry specifications.



The instrumentation and automation equipment are from the same manufacturers and the same models as those commonly found throughout the refining and chemical process industry. Control valve stations, pump configurations, piping and structure are all built to industrial standards. Each unit is provided with a curriculum of over 100 specific real world procedures and exercises.



Learn the fundamentals of LNG operations. This unit emulates refrigeration, compression, vaporization, and processes used by Liquefied Natural Gas(LNG) facilities. Operators learn unit startup and shutdown, and continuous operations, using the procedures that accompany the unit.

The unit includes:

- ★ Compressors
- ★ Heat Exchangers
- ★ Pump
- ★ Water Heater
- ★ Vessels
- ★ Control Valves
- ★ Gauges, valves, sensors and controllers
- ★ Emerson Delta V Distributed Control System (DCS)

