

Project Profile

Intertek Westport Technology Center

Houston, Texas



\$53,000

Completed November 2006

Client Overview

Intertek Westport Technology Center provides laboratory testing, laboratory outsourcing, consulting, cargo inspection, and certification services for clients, in a wide range of industries on a global basis. They provide a full range of exploration and production (E&P) technical services to the oil and gas industry, including consulting, laboratory analysis, research, and training. They support their customers on a global basis in the analysis of drilling fluids, natural gas hydrates, flow assurance, reservoir fluids, petroleum geochemistry, formation evaluation and other related services.

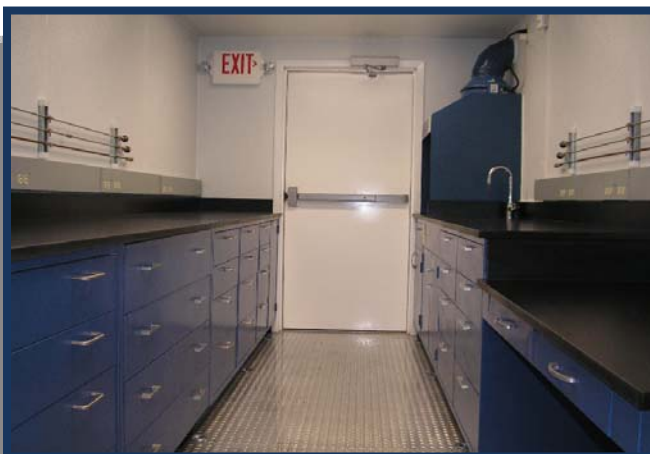


Project Overview

LCS was the general contractor for this unique and time sensitive project. LCS had 21 days to complete the project; therefore it was necessary to work day and night in order to complete the 8' x 20' portable lab facility, which began as steel shipping container. It was designed for placement adjacent to on-shore oil well drilling sites and additionally has the ability to be transported to an offshore drilling platform or drilling ship to perform tests for off-shore clients.

A standard shipping container was delivered to the LCS office and then transferred into the warehouse where the work began. The project started with the wall and ceiling framing and setting of the light fixtures, then the insulation and plywood were applied and finished with fiberglass reinforced plastic (FRP) paneling throughout the container. Diamond aluminum plating was used to cover the floor just inside the double doors where a "patio" area was built; a dividing wall was added creating a storage area for the air compressor, water and electrical connections, gas cylinders for specialty gases, and the air conditioning unit. An opening was cut at the opposite end of the container in order to create emergency exit door. The casework was then added to both sides of the container with a sink and custom made hood. The lab was equipped with a first aid kit, fire extinguisher, smoke and gas detectors, and

emergency lighting. The exterior was painted with material made to withstand rough seas and finished with Intertek's logo placed on both sides of the new portable lab facility just prior to shipping the finished lab to its current location in India.



Project Team

Project Manager: Victor Grohman

Superintendent: Donnie McCain

Plumbing and Specialty Gases: Randy Robertson

Project Designer: Billy Winsett

