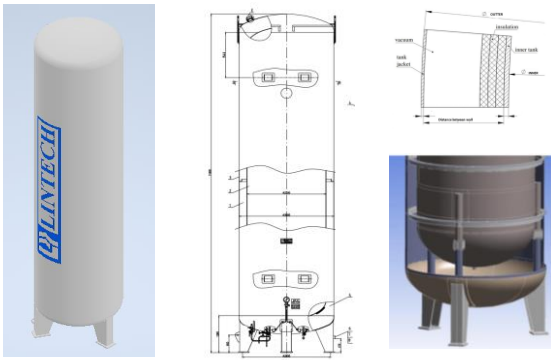


LINTECH IN LNG CRYOGENIC STORAGE TANK (DOUBLE WALL)

LINTECH LNG Cryogenic storage tanks which designed and manufactured by LINTECH are strictly in accordance with International standards, such as ASME and Pressure Vessel Code (BPVC), API 620, etc.

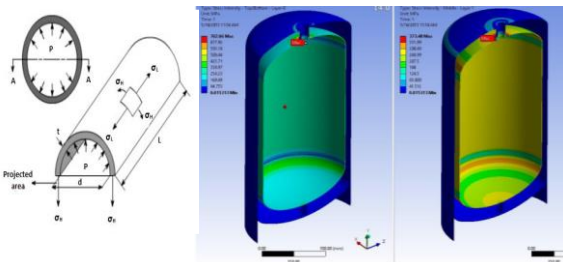
LINTECH is capable of customizing cryogenic storage with customers' requests, and we are able to supply various equipment such as vaporizers, pressure regulating & metering skids, buffer tank, combined pressure regulating device, PLC control system (unattended operation), EPC turnkey projects



3D Model & GA Drawing designed by LINTECH

LINTECH DESIGN and ANALYSIS ASME Code and FEA Technique

To determine the shell membrane stress at general locations and to determine the shell bending stress at discontinuous and local area, LINTECH obtained from the FEA results with allowable stress and to determine the minimum thickness for the inner top head, the outer head, neck tube and trunnion design to be adequate for the investigated load cases

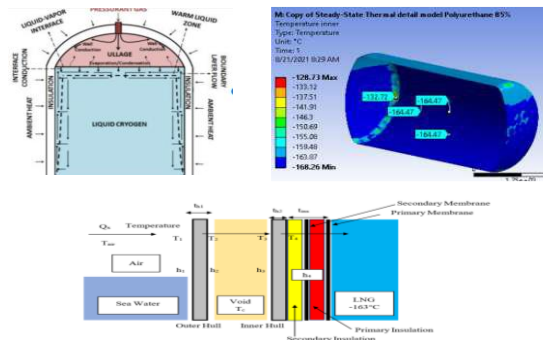


Stresses on the tank in operating condition by FEA

LINTECH CAPABILITIES AND FEATURE

LINTECH cryogenic storage tanks have adopted special high vacuumed thermal insulation technology, which ensures excellent thermal insulation performance, enduring vacuum maintenance, lower use-cost. Modularized pipeline design and advanced configuration highly improves the performance and endurance, decreases the maintenance cost, enhances you competitive advantage.

LINTECH selection of the proper steel grade for the hull or surrounding structures is needed to satisfy the structural integrity of the vessel when exposed to very low temperatures. The boil-off gas (BOG) due to the heat. We should be considered in the design of a gas vessel because of the very low temperature.



Thermal Analysis to Consider Inner, Outer Wall, Insulation

LINTECH with its strong engineering knowledge in LNG projects, provides multiple dispensing options from the LNG Storage Tank. Vacuum Insulated cryogenic storage tanks are **double walled storage tanks designed for efficient storage of LNG**. Available common industrial size and customs to unlimited capacity for onshore and offshore/ship mounted. Onshore storage to be prefabricated at Lintech seaside facility and constructed at customer site. While Ship mounted to be prefabricated and installed at Lintech's shipyard up to LOA230m

TECHNICAL DATA	
MODEL	LINTECH - LNG (Vertical and Horizontal LNG Storage Tanks)
CONFIGURATION	Vertical and Horizontal
STANDARD CAPACITIES	3.8, 7.6, 20, 28, 30, 40, 56, 77, 114, 150 & 256 KL
DESIGN TEMPERATURE	-196 °C to 55 °C
APPLICABLE DESIGN CODES	ASME, EN13458-2, PED and Other International Codes CE Marking & U Stamp offered on request
INSULATION	Perlite in vacuum, multilayer super insulation (optional)
RAW MATERIALS	Inner Vessel & Piping: Stainless Steel Outer Vessel, Carbon Steel