



PROJECT :

LNG STORAGE TANK ENNORE, TAMIL NADU.

OVERVIEW :

G+H carried critical work of providing service for Bottom & Bottom corner insulation for double (15000 MT) walled LNG Tank at Ennore LNG terminal, with the help of highly experienced site management team.

ABOUT :

Liquefied natural gas (LNG) represents a more environmentally friendly way of supplying energy in comparison to other fossil energy media. When liquefying the gas at -160°C , its volume reduces enormously and can then be stored and transported in large quantities. To prevent premature regasification, it is important that the storage tanks, including the pipelines, in the terminals are well insulated

CUSTOMER/ :	WORK DESCRIPTION :	PERIOD OF EXECUTION	SURFACE INSULATED:
PUNJ LLOYD LIMITED CONSULTANT	Application of insulation for bottom & bottom corner protection for LNG Tank	11/2016 – 01/2018	21,000 M2

SOLUTION:

- Multiple layers of PIR or foam glass insulation shells
- Lining of inner and outer vapour barrier with aluminium foil and modified bitumen membranes with aluminium foil
- Expansion joints at a distance of 6 m and vapor barriers

TASK:

- Low temperature insulation of all surface
- Prevention of ice formation
- Maintenance of occupational safety

ADVANTAGES:

- Energy-efficient work processes
- Greater protection for employees
- Expansion of insulation activities and expertise in the area of low temperature insulation for the LNG sector