



PROJECT :

RELIANCE J3 JAMNAGAR PROJECT

OVERVIEW :

Since May 2014 the G+H Team, made up of four construction managers and up to maximum of 1000 installation technicians, insulated the pipes and equipment of J3 plant.

ABOUT :

RILs Jamnagar Refinery is currently the largest crude oil refinery in the world, with the biggest emphasis on energy conservation by achieve higher energy efficiency, focus on conserve resources and protecting the environment.

G+H India started association with this project back in May of 2014 and ever since have insulated around 300 thousand Square-meter of area.

CUSTOMER/ :

RELIANCE INDUSTRIES LIMITED/L&T HYDROCARBON ENGINEERING LIMITED CONSULTANT

WORK DESCRIPTION :

Application of Hot, Cold & Acoustic insulation for J3 Refinery, Jamnagar-Gujarat

PERIOD OF EXECUTION

05/2014 – Till date

SURFACE INSULATED:

- Cold Cumulative 96300 M2
- Hot Cumulative: 182700 M2/ 202000 M2
- Acoustic Cumulative: 4200 M2

SOLUTION:

- Hot insulating pipes and equipment with initial layers of Aerogel followed by more conventional Mineral wool
- Cold Insulating the required piping and equipment areas with Poly-Isocyanurate (PIR) material.
- Weather protecting the finished insulation surface with aluminium-zinc sheeting.

TASK:

- Insulation work on around 300,000 M2 on different areas in the refinery.
- Increasing energy efficiency and work safety.

ADVANTAGES:

- Energy losses reduced by a very substantial proportion.
- Energy-efficient work processes.