LIN Storage & Vaporization
(3D Modeling using PDMS)

Key Features

Technology:

PDMS

MicroStation

Navisworks

Duration:

The project was completed in 6 weeks

Deliverables:

1. 3D Model at different stage for review (30%, 60% & 90%)
2. Final 3D Model

The Client

The largest manufacturer of Cryogenic liquid storage and transport tanks in India, and a reputed supplier to leading international Gas organization globally like Air Liquide, Linde, Messer, Taiyo Nippon Sanso , Praxair and many more.
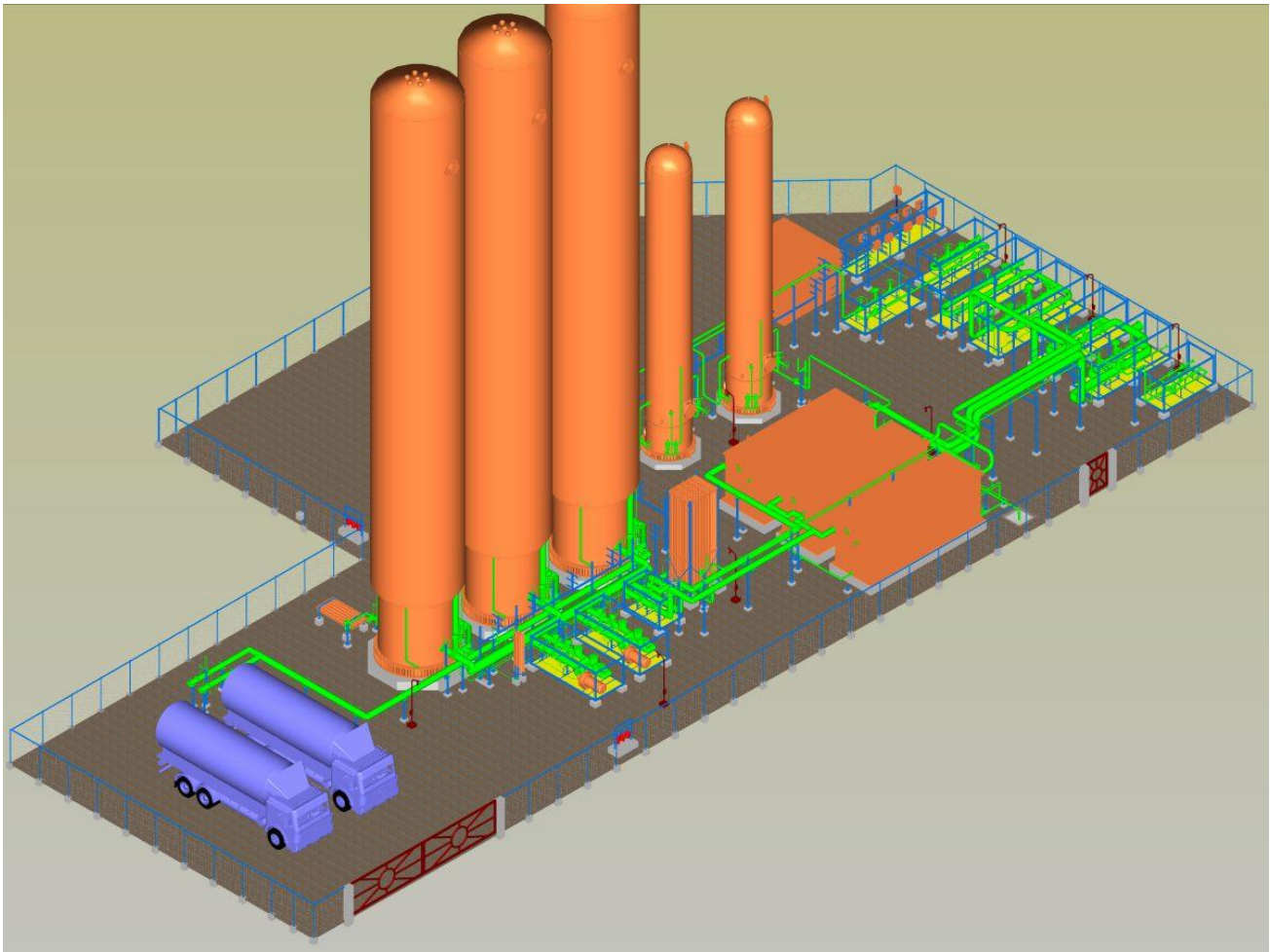
The Business Need

The client required the below business needs:

➤ 3D modeling for a LIN storage and vaporization
➤ Equipment modeling
➤ Modeling of structural platforms like ladders, manholes, envelopes
➤ Piping modeling (90 nos. of lines)
➤ Skid structural modeling
➤ Physical support modeling
➤ Modeling of instruments, junction boxes with supports

Rishabh's Solution

Rishabh's Engineering completed the 3D modeling and PDMS within 6 weeks with a team of 5 members including 1 team leader.

ASME B31.3 codes and standards were followed to ensure higher quality in 3D modeling for LIN storage & vaporization.

Technology Used

- ➤ 3D Modeling – PDMS
- ➤ 2D Drawings – MicroStation
- ➤ Review Software - Navisworks

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About Rishabh Engineering

Rishabh Engineering provides multidisciplinary engineering support services to EPC companies in industries like Oil and Gas, Petrochemical, Power and Water treatment. Our parent company, Rishabh Software is a CMMI level-3, ISO9001 and ISO27001 company that provides services in Software Development, Business Process Outsourcing (BPO) and Engineering Services Outsourcing (ESO) to clients globally. Rishabh has offices in USA, UK and India with their main delivery center in Vadodara, India.