

PDS for LPG Storage System

(3D Modeling)

Key Features

Technology:

PDS
MicroStation
Microsoft Office Excel

Duration:

The project was completed in 4 months

Deliverables:

1. 3D Model of LPG Storage System on PDS
2. Isometric Drawings
3. MTO – Material Take Off
4. GA – General Arrangement Drawings

The Client

An EPC contractor offering engineering services in turnkey design, engineering, procurement, construction and other services like commissioning of atmospheric storage tanks, cryogenic storage tanks, high pressure spheres, mounded storage vessels, shop pressure vessels, heat exchangers, process columns, pipelines. It also commissions process plants for the refinery, petrochemical, fertilizer, power, paper and steel industries. The client has also been known to continuously develop new technologies and benchmark new performance standards and objectives.

The Business Need

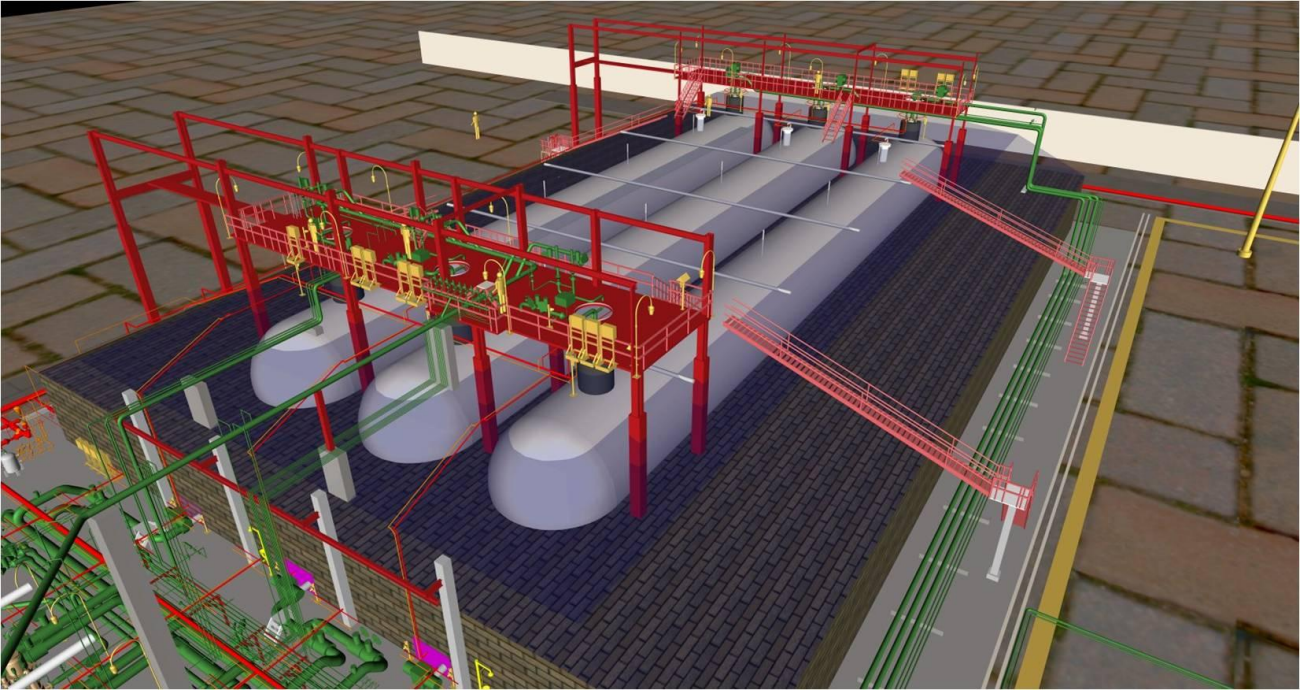
The client required the below business needs:

- Set up of the complete project, its administration & customization of specifications
- Modeling of equipment, piping, pipe rack, structures, electrical cable trays, firefighting, instrumentation & supports
- Extraction of isometric drawings
- Extraction of MTO
- Preparation of GA drawings
- Preparation of clash check reports
- SPR sessions for client review

Rishabh's Solution

Rishabh's Engineering completed the 3D modeling of LPG storage system project within 4 months using PDS.

ASME B31.3 codes and standards were followed to ensure higher quality in 3D modeling.



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- PDS
- MicroStation
- Microsoft Office Excel

Key Deliverables

- 3D Model of LPG Storage System on PDS
- Isometric Drawings
- MTO – Material Take Off
- GA – General Arrangement Drawings

Contact Details

US Ph : +1-201-484-7302, 1-877-RISHABH (747-4224)

UK Ph : +44-0207 993 8162

Email : sales@rishabheng.com

Twitter : www.twitter.com/RishabhEng

Linkedin : www.linkedin.com/company/rishabh-engineering-services

More information about Rishabh Engineering, please visit:

www.rishabheng.com | www.rishabhsoft.com | www.rishabhbpo.com

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.