

PDS for LPG Storage System

(3D Modeling)

Key Features

Technology:

PDS

MicroStation

Microsoft Office Excel

Duration:

The project was completed in 4 months

Deliverables:

- 3D Model of LPG Storage System on PDS
- Isometric Drawings
- 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:

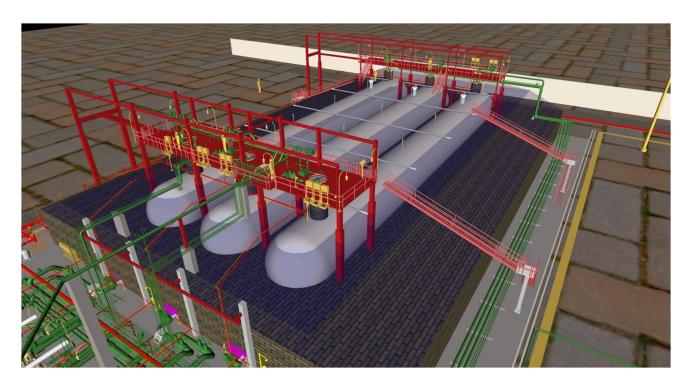
- > Set up of the complete project, its administration & customization of specifications
- ➤ Modeling of equipment, piping, pipe rack, structures, electrical cable trays, firefighting, instrumentation & supports
- > Extraction of isometric drawings
- > Extraction of MTO
- Preparation of GA drawings
- 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 B_{31.3} codes and standards were followed to ensure higher quality in 3D modeling.





Technology Used

- > 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

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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.

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