

PDS Tank Farm Area for Refinery

(Piping Detailed Engineering & 3D Modeling)

Key Features

Technology:

PDS
MicroStation
AutoCAD
Microsoft® Office Excel

Duration:

The project was completed in 12 months

Deliverables:

1. Area wise model
2. Area wise clash check report
3. Area wise A.G. piping GA
4. Area wise U.G. piping GA
5. Area wise IBR systems
6. Area wise steam tracing GA
7. IFC isometrics
8. Nozzle orientation reports
9. **Battery limits/Tie in points/Sleeper details**
10. Support books with sketches
11. All check prints with check list for audit purpose

The Client

A multi-national EPC expert that specializes in delivering technology oriented projects for industries like petrochemical, polymers, fibers, energy, biofuels and environment. The client operates as one company, sharing one vision, one culture.

The Business Need

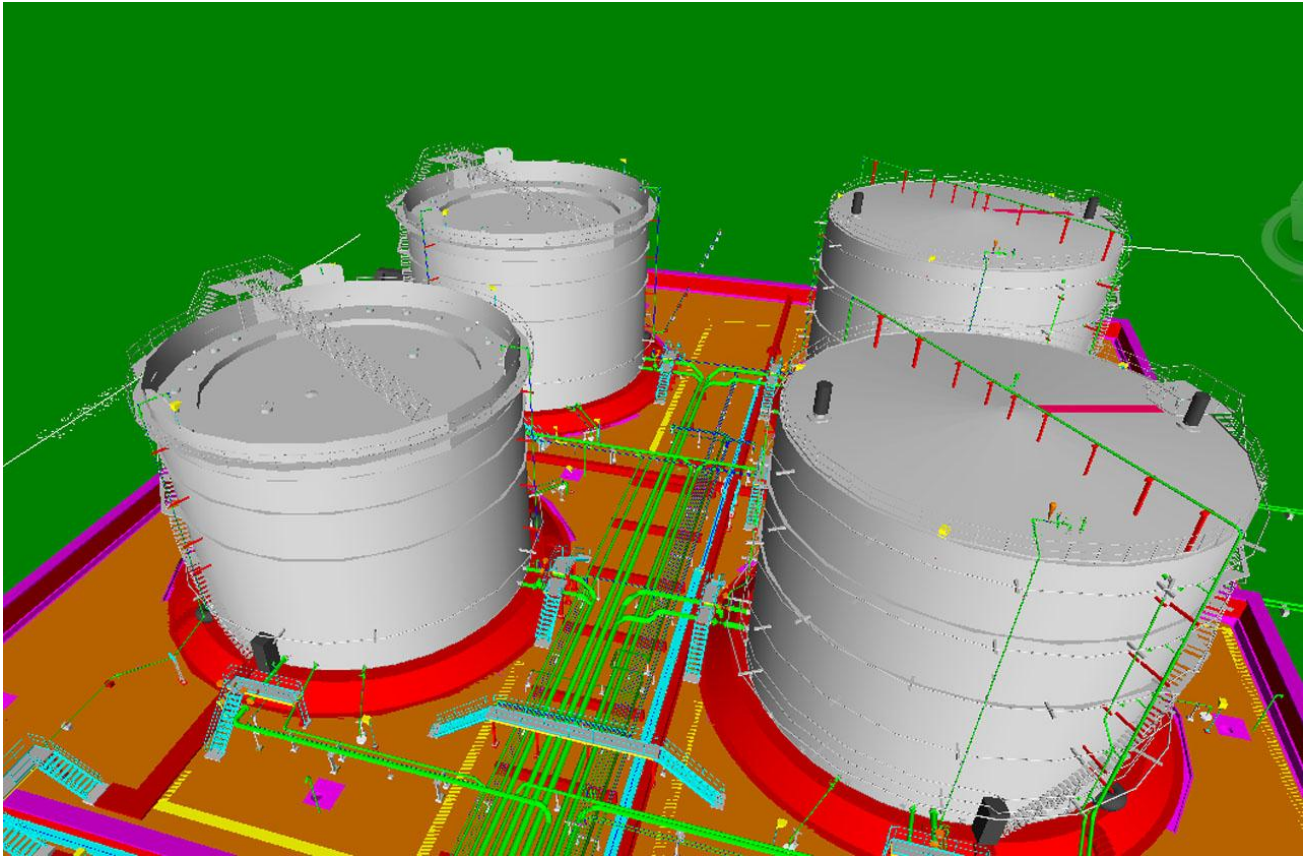
The client required:

- To set up complete project administration & customization of specifications
- 3D modeling of equipment's piping, structures, fire-fighting, foam system, nozzle orientation, instrumentation & supports
- Isometric set up
- Orthographic set up
- Co-ordination with all the concerned departments with clients
- Design review with client using SPR (Surface Plasmon Resonance)
- Extraction of MTO
- Preparation of GA drawings
- Preparation of clash check reports
- Preparation of MTO (BOM) in excel format
- SPR sessions for client review

Rishabh's Solution

Rishabh's Engineering completed the project within 12 months.

The ASME B31.3 codes and standards were followed for PDS tank farm piping detailed engineering and 3D modeling



Technology Used

- PDS
- SPR - Surface Plasmon Resonance
- MicroStation
- AutoCAD
- Microsoft® Office Excel

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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.