

3D Modeling for Natural Gas Condensate Plant – Onshore Qatar Petroleum Facility

Key Features

Technology:

AutoPLANT SS4

AutoCAD

Bentley Navigator

i-Model Composer

Duration:

The project was completed in 7 months

Deliverables:

1. 3D Model for Gas Compressor of Natural Gas Condensate Plant

The Client

A global leader in providing turn-key Oil & Gas solutions through in-depth engineering services ranging from consultancy to engineering design, planning, procurement & project management, enterprise technology infrastructure setup & commissioning with long-term operations & maintenance services

They achieve engineering innovation with diversified interests in technology, engineering and mobility.

The Business Need

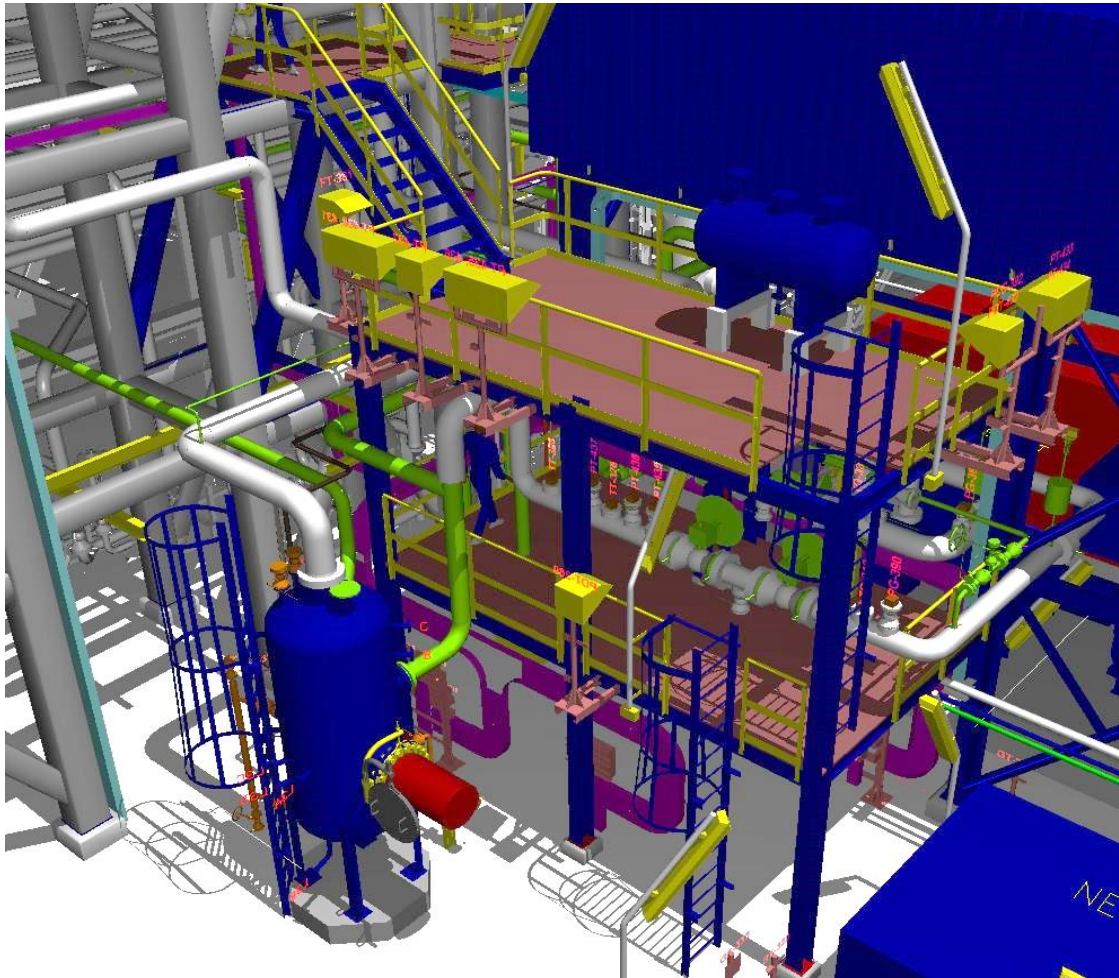
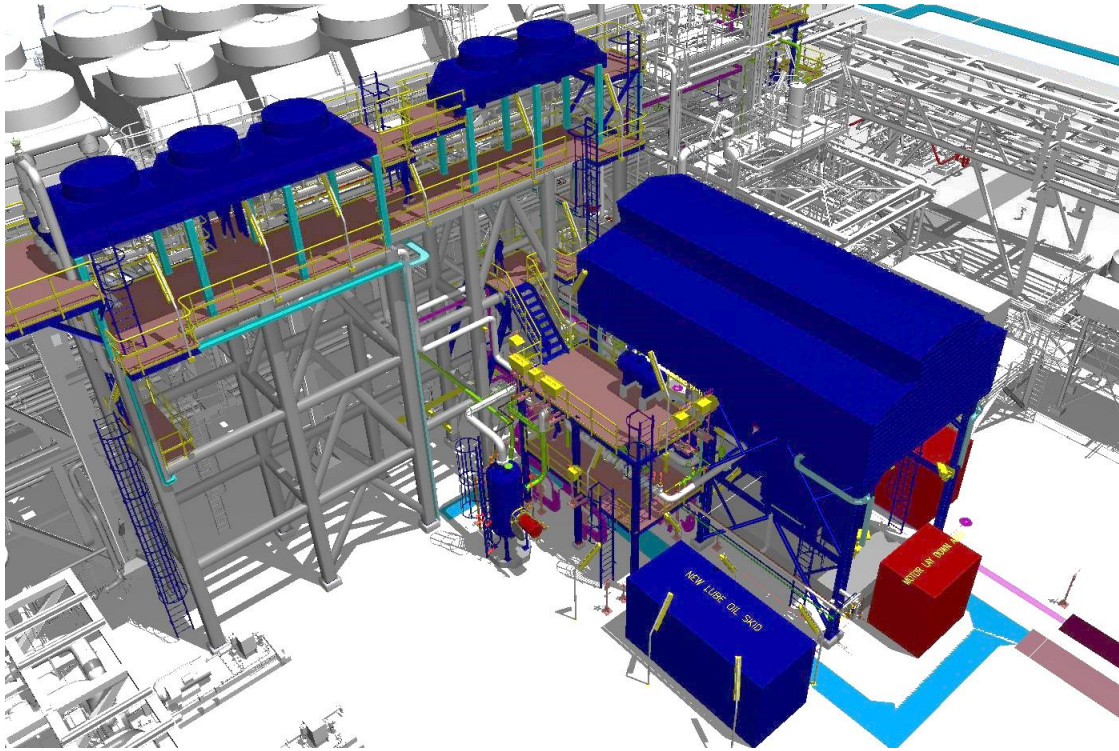
The client required 3D Model for New Gas Compressor package with Knock out Drum & Cooler with associated arrangements at existing plant

- AutoPLANT for project administration
- Equipment modeling
- Piping modeling
- Vessels & Pumps
- Detailed 3D modeling for structures like Pipe rack, Sleepers and Platform

Rishabh's Solution

Rishabh's Engineering completed the 3D modeling of Natural Gas Condensate Plant within 7 months with a team of 4 members.

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



Technology Used

- 3D Modeling – AutoPLANT SS4
- 2D Drawings – AutoCAD
- Review Software – Bentley Navigator
- i- Model Composer

Key Deliverables

- 3D Model for Gas Compressor of Natural Gas Condensate Plant

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:

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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.