

3D Modeling – Pig Launcher/Receiver + Truck Unloading Stations

Key Features

Technology:

Intergraph CADWorx

AutoCAD

Navisworks Manage

Duration:

The project was completed in 4.5 months

Deliverables:

1. Final 3D Model
2. General Arrangement Drawings
3. Isometrics
4. Bulk of Material (BOM)

The Client

A US based privately held Engineering, Procurement, Construction & Project Management company specializing in construction of heavy industrial facilities and pipelines. The company has extensive experience with oil terminals.

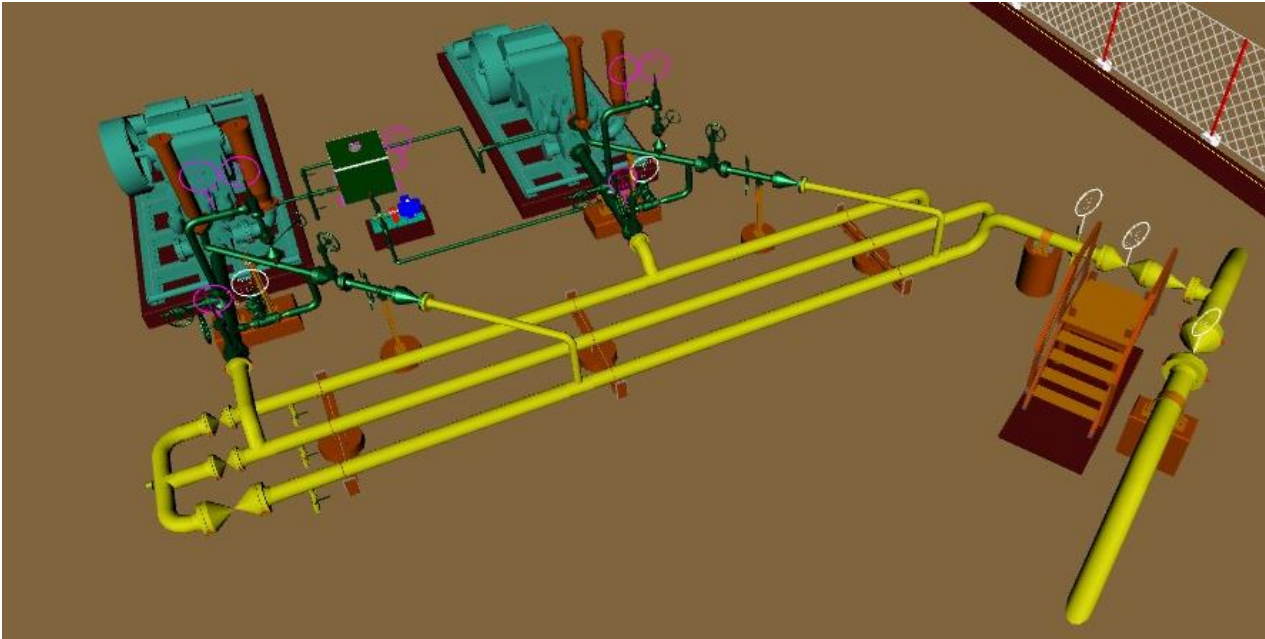
The Business Need

The client required 3D modeling and piping engineering of Pig Launcher/Receiver stations and associated pumps for 2 independent projects - an oil terminal and a truck unloading station. The truck loading station was a part of The Avalon Extension pipeline project with capacity of 100,000 bbl/day.

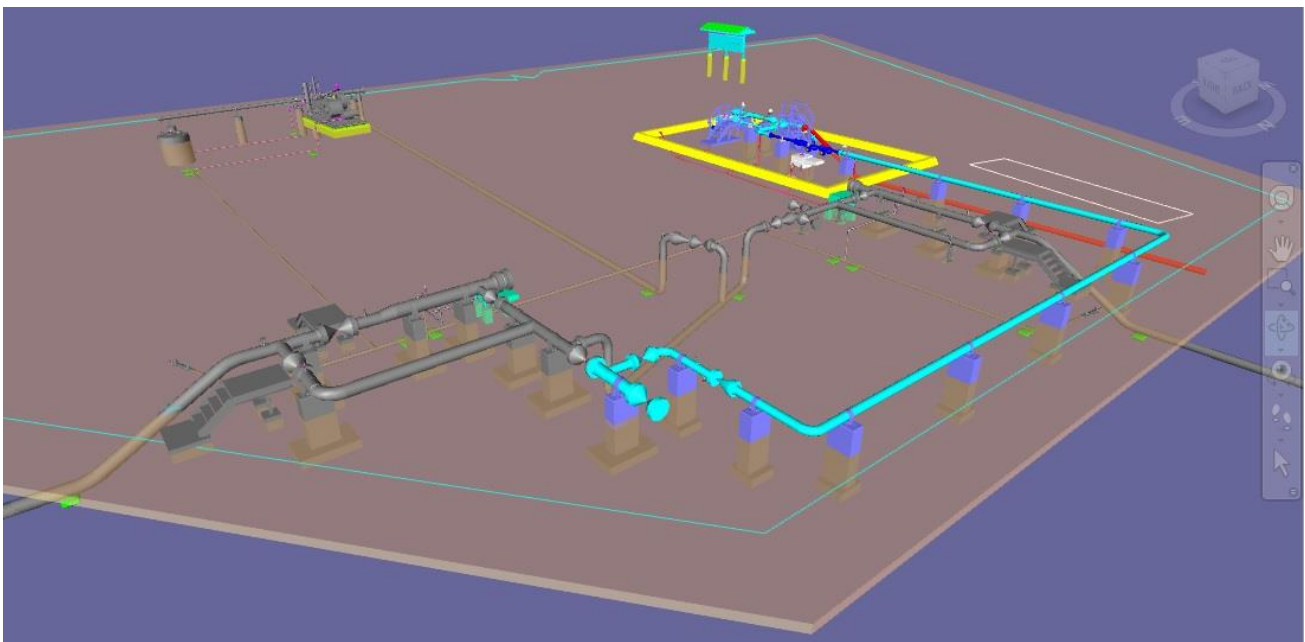
Rishabh's Solution

Rishabh Engineering was appointed to deliver the 3D modeling services for the pig launcher/receiver stations along with equipment like positive displacement pumps, dampeners and sump tank in a span of 4.5 months by a team of 4 (3 Designers + 1 Team Leader).

ASME B31.3 codes and standards were followed to deliver high quality in 3D modeling.



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Technology Used

- 3D Modeling Software – Intergraph CADWorx 2015
- Review Software- Navisworks Manage 2015
- 2D Software- AutoCAD 2015

Key Deliverables

- Final 3D Model
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- Bill of Material (BOM)

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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.