Glib D
Expert Process Piping Engineer

SUMMARY

- Process Piping Engineer with over 17 years specializing in the detailed engineering of chemical, oil, gas, and industrial facilities. - Proficient with a suite of design and engineering software including Smart 3D (SmartPlant), PDS 3D, MicroStation, and AutoCAD. - Expertise in 3D modelling, technical drawing, and document preparation, as well as a proven track record in leading engineering projects from conception through to erection and installation. - Holds a Master's degree in Oil and Gas Pipelines and Storage, along with a Bachelor's in Electromechanical Engineering.

TECHNICAL SKILLS

Main Technical Skills	AutoCAD, Navisworks, Autodesk Navisworks
UI/UX/Wireframing	3D Modelling
Third Party Tools / IDEs / SDK / Services	AutoCAD, Autodesk Navisworks
Other Technical Skills	MicroStation, PDS 3D, Smart 3D (SmartPlant)

WORK EXPERIENCE

UZLITI ENGINEERING JV LLC, Lead Process Piping and Equipment Erection Engineer

Duration: 2022-2024

Responsibilities:

- Creation of 3D-model and preparing technical drawings and documents: 3D modeling of piping and process equipment, 2D general arrangements and layouts, piping isometrics, preparing piping BOMs (MTO).
- Giving inputs to groups for various purposes.

JSC GAZINTEK, Process Piping Engineer

Duration: 2007 - 2020

Responsibilities:

- Detailed engineering of chemical, oil, and gas industry facilities.
- Creation of 3D models of piping and process equipment, 2D drawings, piping isometrics, preparing piping BOMs (MTO).

Construction of Oil Depot (city of Chirchiq, Uzbekistan). Process Piping Engineer, Head of the group

Head of a team of 4 piping engineers + 1 stress analysis engineer (piping) and have been working on this project for 8 months.

Responsibilities:

- Ensure that the requirements of the Client are known and complied with in the work performed; Carry out design work by the agreed project schedule.
- Design 3D models of process equipment (tank farms, pumping and filtration station, drain vessels, railcar loading/unloading rack, etc) using Intergraph Smart3D.
- Design 3D models of process pipelines using Intergraph Smart3D.
- Creation / checking such documents as piping isometrics, piping BOM (MTO), 2D piping drawings, etc. using Intergraph Smart3D and Autodesk AutoCAD
- Checking for collisions with other plant systems using Autodesk Navisworks
- Coordination with related departments (civil, automation, electrical, etc.)

The project process part was developed considering the requirements of regulatory documents in the field of fuel supply and industrial safety of oil depots and petroleum stockpiles. Up-to-date equipment was used in the course of receiving, accounting, storing, filtering, and distributing products.

Gas Treatment Unit in Mingbulak Region, Process Piping Engineer

- Detailed engineering of Condensate Stabilization Unit.

Construction of chemical production plant for complex mineral fertilizers in Samarkand region, Process Piping Engineer, HVAC

Duration: 15 months

Responsibilities:

- Design 3D models of process equipment (Sulphur melting tanks, Sulphur leaf filters, Polishing filters, Clean sulphur tanks, etc.) using Intergraph Smart3D.
- Development of 3D models for the HVAC
- Design 3D models of process pipelines using Intergraph Smart3D.
- Creation of such documents as piping isometrics, piping BOM (MTO), 2D piping drawings, etc. using Intergraph Smart3D and Autodesk AutoCAD
- Checking and approving designs/calculations by other process engineers;
- Coordination with related departments (civil, automation, electrical, etc.)

In this project, challenges were connected with jacket pipelines (sulphur within) that had to be routed throughout the plant on common piperacks. Special platforms had to be added to the pipe rack for servicing jacket lines, supplying steam, and removing condensate from them.

Metinvest "Air Liquid", Process Piping Engineer

- Detailed design of Air Separation Unit (warm part).

Alcor "Air Liquid", Process Piping Engineer

- Detailed design of Hydrogen production plant.

Revithoussa "Prosernat" - Process Piping Engineer

- Basic design of a LNG terminal & Detailed engineering of the extension of a LNG terminal.

Kharyaga "Prosernat", Process Piping Engineer

I worked on this project for 19 months as a Process Piping Engineer.

Responsibilities:

- Design 3D models of process equipment (Amine absorber, Amine regenerator, Amine regenerator reboiler, Lean amine cooler, Main amine filter, Sulphur condenser steam drum, Sulphur cooler steam condenser, Air coolers, pumps, etc.) using Intergraph PDS.
- Design 3D models of process pipelines using Intergraph PDS.
- Creation of such documents as piping isometrics, piping BOM (MTO), 2D piping drawings, etc. using Intergraph PDS and Bentley Microstation.
- Checking Equipment Data Sheets, PIDs and PFDs
- Coordination with related departments (civil, automation, electrical)

This project was located in the Arctic region and included Gas Sweetening Unit and Sulfur Recovery Unit. Taking into account extremely difficult weather conditions and the remote location of the refinery, these units were divided into 24 skids transported by train and then assembled on-site.

UmmShaif "Prosernat" - Process Piping Engineer

- Detailed engineering of an offshore Gas Sweetening Package.

EDUCATION

- **Master Engineer of mining (Master of Oil and gas pipelines and storage).**Academia Y. Bugay International Scientific and Technical University
- **Electromechanical Engineer.**National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»