

Turning Great Ideas into Great Projects

Process Design & Engineering - Typical Documents



- Process Concept Selection,
- Technical Feasibility Study
- Process Simulation
- Heat & Material Balance
- PFD: Process Flow Diagrams
- P& ID: Piping & Instrument Diagrams
- PDS: Process Data Sheets
- Fire & Safety Equipment Data Sheets
- Static Equipment Specification
- Rotary Equipment Specification
- Hydraulic Calculations
- Flare Network Analysis
- Fire, Safety & Gas Detection System Layouts
- General Notes, Abbreviations & Legend



ATH-Præzis is able to offer quality engineering work demonstrated through engineering documentation. Typically, the documents prepared by engineers, designers and draftsmen fall in the headings given here. Actual document nomenclature of engineering and design documents varies; ATH-Præzis takes care to employ Client's document protocols for each awarded project.

For Buildings, the documentation covers MEP, HVAC and BMS to co the architectural, structural and civil engineering. For industry, oil & gas, petrochemicals, drawings are prepared also for pigging systems, chemical injection skids. Engineering work covers towers, flare Stacks, and chimneys. For energy sector, engineering and design includes sub-stations, transmission and distribution lines. ATH-Præzis is also able to offer design for process control system, fire detection and protection systems, emergency shutdown system, modulating systems, Communications & Data Communications

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