

Turning Great Ideas into Great Projects

General Engineering & HSE - Typical Documents



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.

- Project Synopsis Report
- Scope of Work Analysis Report
- ITB Review Report
- FEED Preparation & Verification
- Design Basis Documents
- Plant 3-D Model
- BIM 3-D Model
- Review of Geotechnical Survey Reports
- Review of Topographic & Land Survey Reports
- Review of Hydrology and Hydrological Survey Reports
- Design HSE Plan
- Process & HSE Philosophy
- Hazardous Area Classification Report
- Hazardous Area Classification Schedule
- Hazardous Area Classification Layout
- HAZOP Studies
- Cause & Effect Diagrams
- Hazard & Effect Diagrams
- Hazard & Effect Register
- Emergency & Escape Routes Layouts
- Plant & Site Master Plans
- Area Layout Drawings
- Site Clearance Report and Scope of Work (for brown-field)
- Review of PHSER (Process, Health, Safety & Environment Review)
- Review of PHSER Close Out Report
- Site Tie-In Schedules (for brown-field)
- Review of Constructability Reports
- Review of Constructability Close-Out Reports
- HSE Action Tracking Register
- Project Specification & Procedures
- Document Registers & Numbering
- Client Queries Responses and Register
- Technical Bid Evaluation Reports
- Vendor Document Review Reports
- Field Engineering
- As Built Drawings

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

Partner for **Perfect Advantage**

For more information, please contact your local ATH-Præzis representative or visit:
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