

Turning Great Ideas into Great Projects

Electrical & Protection - Typical Documents



ETAP: Load Flow Study, Short Circuit Study, Protective Device Coordination Study, Arc Flash Study Solar
Power Technical Study
Power System Studies: Motor Starting, Protective Coordination, Harmonics & Stability
Site Electrification - Load Estimation Report
SLD: Single Line Diagram
Site Electrical Load List
Electrical & Protection Cables Layouts Plans
Electrical & Protection Room Layout Plans
Conductor Field Layouts
Lighting & Small Power Layout Plans
Building Fire Alarm Layout Plans
Conductor Line Alignment Sheets
GA: Electrical General Arrangement Drawings
Electrical & Protection Conceptual Layouts
Specifications: Solar Power System
Specifications: Back Up Power System & Black Start System
Electrical Design Calculation & Cable Sizing Report
Electrical & Protection Schematic Drawings
Electrical & Protection Wiring Diagrams
Electrical & Protection Termination Schedules
Electrical & Protection Cables Schedule
Lighting & Small Power Schedule
Building Fire Alarm Schedule
Electrical Construction Specifications
Specifications: Electrical Switchgear and Control Panels
Specifications: Power, Protection Cables and Conductors.
Specifications: Cathodic Protection
Specifications: Earthing & Lightning Protection
Specifications: Heat Tracing
Specifications: Electrical Fittings, Materials
Specifications: Cable Racks & Trays
Specifications: Lighting & Small Power
Data Sheet: Solar Power System
Data Sheet: Electrical Switchgear and Control Panels
Data Sheet: Junction Boxes, Distribution Boards
Data Sheet: Lighting & Small Power
Data Sheet: Building Fire Alarm



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

Partner for **Perfect Advantage**

For more information, please contact your local ATH-Præzis representative or visit:
www.ath-praezis.com