



THAI NIPPON STEEL ENGINEERING & CONSTRUCTION CORPORATION LTD.

Senior Electrical Engineer

Department: Engineering

Responsibilities:

- Analyze plant power generation requirements and perform electrical load calculations.
- Review design for select and specify electrical equipment for generators, transformers, switchgear, and control systems.
- Develop detailed electrical schematics, layouts, and single-line diagrams for construction and operation.
- Review design load flow and short-circuit studies to optimize power plant performance and stability.
- Review design and coordinate protective relay settings for various power plant components.
- Analyze fault currents and conduct time-current coordination studies to ensure selective tripping of relays.
- Collaborate effectively with other engineers, and project managers to ensure project success.

Qualifications:

- Bachelor's Degree or higher in Electrical Engineering or a related field.
- At least 5 years' experience in power plant design, electrical system engineering, or power system analysis.
- Strong understanding of power plant electrical systems, including generators, transformers, switchgear, and control systems.
- Proficient in using electrical engineering software tools (e.g., ETAP, Power World, AutoCAD).
- Experience with relevant electrical codes and standards (e.g., IEC, IEEE Standards, National Electrical Code)
- Good command of English both written and spoken.

Contact US:



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