



## Engineer – Power Systems

### Accountabilities

- Develop, program and commission Industrial Power and Automated Drive Systems.
- Produce power system modeling and protective coordination studies.
- Produce integrated automated drive system designs.
- Produce conceptual and detailed engineering designs, project requirements, bid specifications, expenditure approval requests and functional specifications for capital projects.
- Produce cost estimates, detailed budgets and schedules for capital projects.
- Provide project management and commissioning services for capital projects.
- Ensure assigned projects are completed successfully as scoped, on schedule and within budget.
- Coordinate automation projects with engineering consultants including approving consultant's designs, equipment selection and drawings.
- Provides specialized technical support to plant operations as required, including assisting with troubleshooting field issues.
- Problem Solve project issues by applying independent thinking, abstract reasoning and obtaining external resources as required.
- Maintain proficiency in area of specific expertise and provide technical recommendations.
- Ensure projects are in compliance with applicable regulatory codes.
- Travel to other mills, manufacturing facilities for inspection of equipment and offsite engineering meetings.
- Attend technical and professional courses and seminars applicable to assigned projects.

### Qualifications:

- Must have a Degree in Engineering and eligible for a P.Eng. License in the Province of Ontario.
- Must have 3 years minimum relevant engineering/technical work experience in heavy industry or electrical power utility.
- Will have good knowledge of modern power systems and its application in heavy industry.
- Will have good knowledge of automated drive systems as applied to heavy industry.
- Knowledge of Rolling Mills drive applications is a definite asset.
- Will have advanced personal computer skills (MS Word, MS Excel, etc.).
- Will have excellent interpersonal and communication skills.
- Will be self-motivated and be able to work in a team atmosphere with minimum supervision.
- Will have a proven ability to solve problems.
- Will have good organizational and leadership skills.

**To be considered for this position, please submit your resume to [algoma.careers@essar.com](mailto:algoma.careers@essar.com) referencing the job title in the subject line. Only those applicants selected for an interview will be contacted.**