Design & Quotation Engineer

Location:	Varennes, Quebec, Canada
Job Function:	Design and Engineering
Employment Contract Type:	Regular/Permanent, Full-Time
Division/Function:	Power Products
Business unit:	Business Unit Transformers
Publication ID:	CA57557434_E1

Tasks

ABB Inc. Power Transformers is seeking candidates to work on its engineering team located in Varennes, QC. We offer opportunity to work with the latest technology, advance 2D and 3D design tools a as part of the design group. With strong local presence on the market we offer opportunity to interact with customers, participation in industry meetings and access to the global R&D programs and transformer technology experts.

Job Description

- Perform quotation and production design development for high voltage power transformers.
- Prepare design specifications, drawings, technical data and reports.
- Calculate production cost and provide engineering analysis.
- Actively participate in product design, marketing and sales efforts, reviewing processes and obtaining necessary approvals for designs and cost.
- Participate in customer meetings, design review processes and projects.

Requirements

- Bachelor's or foreign equivalent degree in electrical engineering or a related field
- 5 years of experience designing transformers including performing dielectric, thermal and short circuit calculations,
- Minimum 3 years of experience in transformer designs with rated power above 60 MVA and voltage 138 KV and higher
- 3 years of experience interpreting technical documents including specification, schematics and drawings for transformers including units above 60 MVA and 138 KV
- Understanding of transformer production processes and cost implication of design solutions.
- Application knowledge of IEEE transformer standards
- Comprehension of transformer factory acceptance testing
- Direct experience with customers, good presentation skills demonstrated by preparing and leading design reviews
- Team work and communication skills to lead design work and coordinate with marketing team
- Organizational skills and process discipline
- Ability to travel, 20% domestic and international

Additional Information

ABB is an Employment Equity Employer and values a diverse workforce. ABB will provide reasonable accommodation to applicants with disabilities. In support of our Employment Equity Program, women, aboriginal people, members of visible minorities, and/or persons with disabilities are encouraged to apply and self-identify in the application process. We also offer a stimulating work environment, competitive salaries and a complete benefits package.

The masculine form is used as neutral gender and includes men and women.

ABB is prepared to act on requests for disability accommodations that might be required to allow any disabled person to access our facility. Please advise us if any attending person requires/requests some specific form of disability accommodation.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

Our ambition.
Your legacy.

Power and productivity
for a better world™