

MANITOBA START JOB OPPORTUNITY BROADCAST (J.O.B.) ADVERTISEMENT

POSITION	ELECTRICAL DESIGNER
JOB NUMBER	3828
NUMBER OF POSITION/S	1
NOC CODE	2133
CLOSING DATE	2020-11-27
LOCATION	Fort Garry
ACCESSIBLE BY TRANSIT	Yes
HOURS PER WEEK	40
HOURLY WAGE RANGE	TBD
JOB TERMS	Full time
JOB DESCRIPTION	- Reporting to the Manager, Electrical Engineering, the Electrical Designer is responsible for converting customer and engineering requirements into cost effective, manufacturable, electrical designs for transformers.
JOB DUTIES	<ul style="list-style-type: none"> - Design medium to large power transformers (up to 600 MVA, 500 Kv) for production and/or quotation that meet both customer specifications and all applicable standards - Design transformers for manufacturability and minimum cost within the established design parameters and performance characteristics - Monitor the design throughout the process of manufacturing and final testing - Provide completed data sheets for design reviews with customers, or for quotations and participate in design review meetings with customer/consultants - Ensure correct application of sub-assemblies such as bushings, tap changers, reactors, and auxiliary transformers - Adhere to the production schedule, meet the target dates for design outputs and manage multiple designs in various stages of production - Conduct inspections on units during all stages of production, including winding and pre-tanking - Investigate test problems, provide solutions, and prepare Engineering reports as needed - Coordinate/communicate with suppliers for any technical issues and review test reports - Contribute to improvement projects within the Engineering Department
QUALIFICATIONS, REQUIREMENTS & SKILLS	<ul style="list-style-type: none"> - Bachelor of Sciences Degree in Electrical Engineering - Specialization in power systems/high voltage Engineering would be an asset - Possess or working towards P.Eng. designation is an asset - 3 to 5 years of experience in medium to large power transformer design - Experience with transient voltage design software - Experience with electric field analysis - Proficiency in Excel

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QUALIFICATIONS, REQUIREMENTS & SKILLS	<ul style="list-style-type: none">- Experience working in a manufacturing environment would be an asset- Well-developed problem solving, communication and spatial visualization skills- Excellent applied mathematical ability- Ability to work individually and in a team environment- Ability to effectively communicate with people from all departments of the organization (manufacturing floor & office)- Strong time management and organizational skills
OTHER DETAILS	Cover letter is also required.
APPLICATION PROCESS	Send targeted resume Apply through your CC
APPLICATION DETAILS	Please kindly send your TARGETED resume to your CAREER COACH via e-mail. Please indicate the job number and the title in your application.
JD	Norm Mayer