

CAREER PROFILE

MAINTENANCE ELECTRICIAN

Name: Dan Metheral

Employer: AREVA Resources Canada

Education: Journeyman Electrician



DETAILS OF THE JOB: As part of the team of maintenance electricians, Dan is responsible for keeping the power running at the mine's mill and camp. His work involves the maintenance of a 25 KVA high-line for distribution to step-down transformers in electrical rooms on-site, as well as working with the electrical feeds for 600V pump, fan motors and control panels as well as 120V lighting and receptacle circuits.

A TYPICAL DAY: A typical day for Dan includes working with supervisors and co-workers to safely complete assigned tasks in and around the mill to ensure that all electrical equipment are performing well and that there is power where it should be. When a power outage occurs, he is required to start and sync large generators, switch breakers, re-closers and pole top switches to get the power back on throughout the site. "I enjoy troubleshooting electrical problems and working with and learning from my co-workers in the various other trades. There is also good camaraderie on the job and with the camp life," says Dan. "Safety is important when you work with electricity. The mine's week-in and week-out schedule also works well for me as it allows me to stay focused on work when I am up north and spend really quality time with my family when I go home for a week."

SKILLS NEEDED:

- Able to read electrical prints and manuals
- Good at troubleshooting and repairing using the needed tools

COMMENT: Dan started his career as an electrician by joining an electrical contractor right after high-school. He was indentured into the electrical trade through that contractor and learned on the job and through the SIAST electrical program. "It was not always easy to work to gain experience and take eight-week breaks from the job every year to go to school to learn in the classroom over four years," explains Dan. "In the end I was really happy to obtain my interprovincial journey person ticket."

WHERE CAN I GO TO GET AN EDUCATION? Carleton Trail College, Cumberland College, Great Plains College, North West Regional College, Parkland College, Saskatchewan Polytechnic, Southeast Regional College, Northlands College, SIIT

HELPFUL HIGH SCHOOL COURSES: Electrical and Electronics 10/20/30, Pre-Calculus 20

NOC: 7242

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