



Industrial Electrician (Trade 0295) – Fact Sheet

March, 2010

- There are significant differences between the Industrial Electrician and Construction Electrician.
- Typically industrial electricians are employed by resource industries such as: pulp and paper mills, solid wood manufacturing plants, oil and gas plants, mining, water treatment facilities, manufacturing and ship building. Some industrial electricians are employed by electrical contractors that specialize in industrial projects.
- The industrial electrician apprenticeship program is comprised of four levels of theory assessment, 4 levels of on the job training and 5 levels of workplace competency assessment.

Theory assessment (Classroom and Lab)	On the job training	Workplace competency assessment
Level 1 – 300 hours Provincial exam	1500 hours	Level 1: 9 compulsory competencies
Level 2 – 300 hours Provincial exam	1500 hours	Level 2: 3 compulsory competencies
Level 3 – 300 hours Provincial exam	1500 hours	Level 3: 8 compulsory competencies
Level 4 – 300 hours Provincial exam	1500 hours	Level 4: 3 compulsory competencies
Red-seal exam		Elective competencies - can be completed at any time. The apprentice chooses from a list.

- Theory assessment is performed by instructors at training providers.
- On the job training is coordinated and supervised by the employer/sponsor.
- **Workplace competency assessment is performed by trained, registered industrial electrician assessors. Records of assessment are kept in an apprentice logbook. Apprentices must be assigned an assessor by their employer.**
- **The sponsor/employer of the prospective apprentice must be approved by RTO.**
- **Typically, assessors are employed by the employer/sponsor. Assessors must pass the requirements of the Industrial Electrician Assessor course before they can be registered with ITA. Assessors must be red-seal electricians with a minimum of 5 years experience in an industrial setting.**
- More information at www.rto.bc.com