Technical Safety Authority of Saskatchewan

ELECTRICAL SCOPE OF AUTHORITY

Restricted Industrial Journeyperson Electrical Licence

Scope of Work

Work of electrical installation of unrestricted scope related to industrial electrical equipment and associated electrical and electronic controls when performed in factories, plants, mines and other industrial establishments.

The following work is **excluded** from the scope of this licence:

1. Electrical installation in the construction sector.

Application

Industrial Electrician NOC 7242**.**

Qualifications

Industrial Electrician Red Seal Journeyperson Certification.

Licence Requirement

Applicant is employed by the holder of an Employer's Licence issued pursuant to Section 23 of the *Electrical Licensing Act* to perform work of electrical installation within the scope of the restricted journeyperson's licence on the employer's industrial premises.

Journeyperson Licence valid only while employed with an Electrical Employer.

CEC Part 1 Section References include: All sections, excluding residential construction references.

Safety Requirement

As covered in the Industrial Electrician Red Seal Journeyperson Certification.

Technical Safety Authority of Saskatchewan

Limited Contractor Electrical Licence

Scope of Work

The licence is issued as a 200 Amp Contractor to fully certified Construction Electricians with under two years of experience.

This is listed in the *Electrical Licensing Act* under Section 17(1) through (8).

The licence limitations are an 80 km radius from where the applicant resided, not within the limits of a city and limited up to 200 Amp AC service.

Application

This is a designated trade.

NOC 7241 Electricians (except industrial and power system).

Qualifications

Limited licences are issued when a journeyperson does not have enough time in to qualify as a full contractor, (under two years).

Licence Requirement

Red Seal Construction Electrician with less than 2 years' experience from date of certification.

CEC Section References include: All CEC Part 1.

Safety Requirement

As covered in the Construction Electrician Red Seal Journeyperson Certification.

Technical Safety Authority of Saskatchewan

Restricted Extra Low Voltage Electrical Licence

Scope of Work

Within the scope of this licence an individual may perform regulated work of electrical installation on electrical equipment and any connected wiring as follows:

1. All wiring and equipment installed is restricted to circuits that have the power supply limited in accordance with the requirements for Canadian Electrical Code (CEC) Class 2 circuits, maximum 100 volt amperes.

The following work is **excluded** from the scope of this licence:

1. Electrical work in Hazardous Locations as specified in the CEC and The Electrical Inspections Act, includes oil field sites.
2. Electrical work on Fire Alarm Systems as described in Section 32 of the CEC.
3. Any work where the low voltage equipment controls any higher voltage equipment.

Application

This licence is limited to security alarm installation work and other low voltage applications may be considered.

Non Designated Trade – NOC 2242 as described in the National Occupational Code.

Qualifications

Eligible courses include, Telecommunications Technician; Radio and TV Technician; Electronics Engineering; Industrial Electronics Technician; Alarm Technician; and specific manufacturer training can be considered.

These courses are available through schools, colleges, private vocational schools, and technical institutes throughout the province. The Canadian Security Association (CANASA) offers Alarm Technician Levels I and II courses through self study in locations across Canada.

Minimum one-year experience required. Letter of Recommendation from company required for restricted journeypersons to be licenced under the restricted contractor licence.

Licence Requirement

The restricted journeyman licence is valid only while employed with the restricted contractor and if the contractor decided to close his business, the journeyman's licence is made inactive also.

Technical Safety Authority of Saskatchewan

Journeypersons only receive a journeyperson designation in the restricted practice while employed by the holder of a restricted contractor.

Restricted Contractor requires a $10,000 electrical bond.

CEC Part 1 Section References include: 0, 2, 4, 8, 10, 12, 14, 16, 26, 54, 56, 60.

Safety Requirement

A copy of the online or in person Certificate from a training institution for the current CSA Z462 standard for Electrical or Non-Electrical Worker training is required.

Technical Safety Authority of Saskatchewan

Restricted Instrumentation Electrical Licence

Scope of Work

Maintenance and repair of industrial instrumentation equipment, powered by voltages up to and including 120 volts AC single phase, and protected by breakers or fuses, and the installation, alteration, and replacement of all associated signal circuitry.

The initial connection and reconnection of the above equipment to pre-installed power supply wiring circuits of 120 volts, AC single phase, but excluding the installation, alteration or replacement of the supply wiring circuits through to the point of connection at the instrument. Contractor is licensed with the restriction that authorizes the holder to install, alter, maintain, and repair industrial instrumentation equipment.

Application

This is a designated Red Seal trade.

NOC 2243 Industrial instrument technicians and mechanics.

Qualifications

Interprovincial Red Seal Certification in the Instrumentation and Control Technician trade.

Licence Requirement

Journeypersons are licenced under an employer's licence but also can be licenced as a restricted contractor in the Instrumentation Field.

Journeypersons can maintain their journeyperson licence on their own without being on a restricted contractor's licence or employer licence.

A company that employs restricted journeypersons must have the equivalent restricted contractor licence. A full contractor that employs a restricted electrician must also possess the restricted contractor licence.

Restricted Contractor requires a $10,000 electrical bond.

CEC Part 1 Section References include: 0, 2, 4, 8, 10, 12, 14, 16, 26, 54, 56, 60.

Safety Requirement

As covered in the Industrial instrument technicians and mechanics Red Seal Journeyperson Certification

Technical Safety Authority of Saskatchewan

Restricted Lightening Rod Electrical Licence

Scope of Work

Contractor and workers are licensed with the restriction to do installation, alteration, maintenance, and repair of lightening protection equipment only.

Application

Non designated trade.

Qualifications

One year's installation experience.

Some provinces have certificates in this trade and should be submitted with the restricted Lightening Rod license application.

Licence Requirement

Letter of Recommendation from company required for workers to be licenced under the restricted contractor licence.

The restricted Lightening Rod licence is valid only while employed with the restricted contractor and if the contractor decided to close his business, the worker's licence is made inactive also.

Restricted Contractor requires a $10,000 electrical bond.

CEC Section References include: 0, 2, 10, 12, 26, 28.

Safety Requirement

A copy of the online or in person Certificate from a training institution for the current CSA Z462 standard for Electrical or Non-Electrical Worker training is required.

Technical Safety Authority of Saskatchewan

Restricted Power Lineman Licence

Scope of Work

Work includes the installation, construction, alteration and maintenance of high voltage overhead pole lines, tower lines, and underground power line systems.

Application

This is a designated trade, Powerline Technician, NOC 7244.

Qualifications

Requires a Journeyperson Powerline Technician IP certificate issued by Apprenticeship and Trade Commission. If from out of Province an IP certificate is required.

Licence Requirement

Journeypersons are generally licenced under an employer's licence but could also be licenced as a restricted contractor in the Power Lineman category.

Journeypersons can maintain their journeyperson licence on their own without being on a restricted contractor's licence or employer licence.

A company that employs restricted journeypersons must have the equivalent restricted contractor licence or an employer licence. A full contractor that employs a restricted electrician must also possess the restricted contractor licence.

Restricted Contractor requires a $10,000 electrical bond.

CEC Section References include: 0, 2, 4, 10, 12, 14, 26, 36.

Safety Requirement

As covered in the Powerline Technician Red Seal Journeyperson Certification.

Technical Safety Authority of Saskatchewan

Restricted Powerline Technician Licence

Scope of Work

Work includes the installation, construction, alteration and maintenance of high voltage overhead pole lines, tower lines, and underground power line systems.

Application

This is a designated trade, Powerline Technician, NOC 7244.

Qualifications

Requires a Journeyperson Powerline Technician accredited certificate issued by an Apprenticeship body in Canada. Equivalent certificates include Lineman (electrical power), Power Lineman or Power Lineperson.

Licence Requirement

Journeypersons are generally licenced under an employer's licence but could also be licenced as a restricted contractor in the Power Lineman category. Restricted Contractors require an Interprovincial Red Seal certificate.

Journeypersons can maintain their journeyperson licence on their own without being on a restricted contractor's licence or employer licence.

A company that employs restricted journeypersons must have the equivalent restricted contractor licence or an employer licence. A full contractor that employs a restricted electrician must also possess the restricted contractor licence.

Restricted Contractor requires a $10,000 electrical bond.

CEC Section References include: 0, 2, 4, 10, 12, 14, 26, 36.

Safety Requirement

As covered in the Powerline Technician Red Seal Journeyperson Certification.

Technical Safety Authority of Saskatchewan

Restricted Signs Electrical Licence

Scope of Work

Within the scope of this licence an individual may perform regulated work of electrical installation on electrical equipment and any connected wiring as follows:

1. Installations, alteration, maintenance and repair of signs and outline lighting, Canadian Electrical Code.

The following work is **excluded** from the scope of this licence:

1. Electrical work in Hazardous Locations as specified in the CEC and The Electrical Inspections Act, including oil field sites.
2. Any connections to the main power supply.

Application

This licence is limited to the work of electrical installation of signs only.

Non Designated Trade – NOC 2242 as described in the National Occupational Code.

Qualifications

Eligible courses include Sign Service/Installation Technician.

Course registration and application for Saskatchewan workers is available through the Alberta Sign Association (ASA). Minimum one year experience required. When the course, offered through Northern Alberta Institute of Technology (NAIT), is successfully completed and certificate has been issued by NAIT the student is to contact the Technical Safety Authority.

Letter of Recommendation from company required for restricted journeypersons to be licenced under the restricted contractor licence.

Licence Requirement

The restricted journeyman licence is valid only while employed with the restricted contractor and if the contractor decided to close his business, the journeyman's licence is made inactive also. Journeypersons only receive a journeyperson designation in the restricted practice while employed by the holder of a restricted contractor.

Restricted Contractor requires a $10,000 electrical bond.

CEC Section References include: 0, 2, 4, 8, 10, 12, 14, 16, 26, 54, 56, 60.

Safety Requirement

As covered in the Sign Service/Installation Technician NAIT Certification.

Technical Safety Authority of Saskatchewan

Restricted X-Ray and Dental Electrical Licence

Scope of Work

Contractor and worker are licenced with the restriction to the electrical installation, alteration, maintenance and repair of X-ray and dental equipment and associated accessories.

The following work is **excluded** from the scope of this licence:

1. Hard wired connections of the equipment to panel boxes.

Application

Non designated trade.

Qualifications

Photocopy of Diploma in related engineering technologies or any other certificates related to this field, from the applicant applying for the restricted X-Ray and Dental licence. Product certificates are acceptable.

Licence Requirement

A letter of recommendation from the company must be submitted to the Director of Licensing requesting that the individual be licenced under the Restricted Contractor's Licence or Employer Licence.

The restricted licence is valid only while employed with the restricted contractor or employer and if the contractor/employer decided to close their business, the worker's licence is made inactive also.

Restricted Contractor requires a $10,000 electrical bond.

CEC Section References include: 2, 10, 12, 52.

Safety Requirement

A copy of the online or in person Certificate from a training institution for the current CSA Z462 standard for Electrical or Non-Electrical Worker training is required.