Apprenticeship and Industry Training

Trade Competency Verification
Qualification Candidate

Electrician

SAMPLE

Pilot Project

Alberta Government

Apprenticeship and Industry Training

SAMPLE

Candidate Information

*Name: _____

*AIT Identifier: _____

*Address: _____

*City: _____

*Postal Code: _____

*Home Phone:_____

Cell: _____

E-mail: _____

All information marked with an * must be filled in or the TCV will be returned.

SAMPLE

Process Information

This document is designed to provide verification of your ability to demonstrate the core competencies in the Electrician trade to the standard identified by the Electrician Provincial Apprenticeship Committee.

Assessor and Candidate Requirements:

ASSESSOR:

The employer's designated assessor MUST possess an Alberta recognized Electrician Journeyperson credential.

CANDIDATE:

All prerequisite requirements for the Qualification Candidate must be met prior to Assessor sign-off verifying the successful completion of each of the competencies.

Refer to: www.tradesecrets.alberta.ca for Trade Competency Verification information and instructions on how to use and fill out this booklet.

SAMPLE

The TCV belongs to YOU – the Qualification candidate. It is YOUR responsibility to:

- Work with your employer to complete **8** of the **12** prescribed competencies outlined in the TCV.
- Ensure the TCV is up to date.
- Ensure the TCV is sent to an Apprenticeship and Industry Training (AIT) office upon completion of the competency projects.
- Complete all program requirements (including the TCV) within one year of applying/arriving for the Qualification Certificate program.
- Upon completion and validation of the TCV, you will be scheduled to attempt the Qualification Theory Exam.

Completing the TCV – Instructions to the Candidate

- You must fill out the "Candidate Information" page completely. Failure to fill out all of the requested information may result in the return of your TCV.
- You must provide your signature in the "Candidate Signature" section under each completed competency. Failure to do so will result in the TCV being returned to you.
- Each competency must be verified by an approved assessor.
- The assessor may be different for each competency.
- Assessors may be employed by different employers.
- You must be currently employed by the endorsing employer.

SAMPLE

Competencies

Competency A

Interpret a drawing and supporting documentation.

Standard:

Given a schematic or wiring diagram install wiring and components to meet the adopted Canadian Electrical Code requirements, local codes and other relate specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency B

Install electrical distribution panel with feeders and branch circuits.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency C

Install a transformer including primary and secondary connections.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency D

Install raceway systems including conductors and/or cabling.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency E

Install grounding and bonding systems.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency F

Install a motor complete with starter, protection (overload and overcurrent) and controls.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency G

Install lighting systems complete with line (3-way switch) or low voltage switching systems.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency H

Perform diagnostic tests on electrical equipment using a multi-meter.

Standard:

Determine and interpret voltage, amperage and resistance values.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency I

Repair electrical equipment.

Standard:

Return electrical equipment to operational requirements to meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency J

Commission electrical equipment.

Standard:

Start up equipment to meet operational requirements of the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency K

Install Service entrance and distribution equipment.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Competency L

Install heating, ventilation and/or cooling (HVAC) systems.

Standard:

Meet the adopted Canadian Electrical Code requirements, local codes and other related specifications.

Date Achieved: _____

Assessor Name (Print): _____

Assessor Signature: _____

Assessor's Journeyperson Certificate Number: _____

_____

Issuing Jurisdiction: _____

Candidate Signature: _____

You must complete 8 of the 12 Competencies in the TCV.

SAMPLE

Employer Endorsement

The Candidate _____ is currently

Candidate's name

an employee of _____

Legal name of your employer

_____.

I am an authorized representative of the Employer.

I am satisfied that a certified Journeyperson meeting the requirements to be an Assessor (see page 2) has assessed the trade competencies for the Candidate in the trade of Electrician and that the Assessor has determined that the Candidate carries out the tasks, duties and functions of the trade at the skill level expected of an Alberta-certified journeyperson in this trade.

SAMPLE

Name of Authorized Representative of the Employer (Print):

_____

Position: _____

Signature: _____

Date: _____

Phone Number: _____

E-mail address: _____

Name of Employer (Print): _____

Address: _____

City: _____

Postal Code: _____

SAMPLE

NOTES

SAMPLE

SAMPLE

SAMPLE