

Notice of Change

New Product Implementation and Release Website Information

Trade/Occupation Name & Code: Electrician – Construction and Maintenance (309A)

Implementation Date of New Standard: Monday June 19th, 2023

Implementation Plan:

Apprenticeship Training Standards:

- Apprentices who began their apprenticeships on the former 2003 Apprenticeship Training Standard can complete their program using the performance objectives in that standard.
- All apprentices with Training Agreements registered on or after June 19th, 2023 must be trained to the new Training Standard.
- The current Curriculum Standard is not mapped to this new Apprenticeship Training Standard. However, an updated mapping will be included with the new Curriculum Standard.

Standard Access

Apprenticeship Training Standards:

- The new Logbook will be available on the Skilled Trades Ontario website.

General Description of Changes

The Apprenticeship Training Standard for Electrician – Construction and Maintenance (309A) was updated for a variety of reasons, including but not limited to:

- To harmonize content with the Red Seal Occupational Standards (RSOS) for Construction Electrician
- To respond to and meet technological change and innovation across the trade and sector
- To address the age and deficiencies of the exist Apprenticeship Training Standard
- To better align with terminology and requirements of related electrical codes and CSA standards
- To more clearly align and contrast with the current Apprenticeship Training Standard for Industrial Electrician
- To reflect updated style requirements
- To align with the draft new Curriculum Standard



The structure of the new Apprenticeship Training Standard still closely parallels the structure of the previous Training Standard at the skill set level, with some changes made to the sequence of the skill sets to better reflect a more logical and practical order. In addition, some changes were also made to names and system groupings for some skill sets to better reflect terminology and groupings in the updated Red Seal Occupational Standard as well as changes and innovations in technology.

At the content level, terminology has also been aligned throughout the Apprenticeship Training Standard to more accurately parallel related terminology used in Canadian Standards Association (CSA) Z460, Z462 as well as the Canadian Electrical Code (CEC). Where applicable and suitable, terminology has also been matched with Red Seal terminology. These alignments help to support consistency and standardization while still allowing for flexibility and variation to reflect Ontario's needs.

Enhancements, modifications and adjustments have been made to skills' content throughout the document including but not limited to:

- Clearer details related to systems, components and related condition (“how/by”) statements to better support the needs of the sponsor/trainer and apprentice during the training process.
- Merging or splitting of some skills' content to reflect style requirements and/or overlaps in competencies and conditions
- New harmonized skills' content related to renewable energy and storage systems, cathodic protection and mentorship
- New safety skills and content related to live vs de-energized systems, hazardous substances and access equipment
- Additional trade specific information including resource links, safety considerations and instructions have also been added

This new Apprenticeship Training Standard has 13 skill sets and 179 skills.