

Task Title: Comparing Electrical Apprenticeships

# OALCF Cover Sheet – Practitioner Copy

**Learner Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date Started: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date Completed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **Goal Path:** | Employment | Apprenticeship |
| Secondary School | Post Secondary | Independence |

**Successful Completion:**  Yes No

**Task Description:** The learner will use information on the Skilled Trades Ontario website to compare different electrical apprenticeship options.

**Main Competency/Task Group/Level Indicator:**

* Find and Use Information/Interpret documents/A2.1
* Communicate Ideas and Information/Write continuous text/B2.3
* Communicate Ideas and Information/Complete and create documents/B3.2b
* Use Digital Technology/D.2

**Materials Required:**

* Pen/pencil and paper and/or digital device
* Computer with word processing (e.g. Microsoft Word or Google Docs) or spreadsheet (e.g. Microsoft Excel or Google Sheets) program

# Learner Information

Different types of electricians may be hired to work on different projects. They may have slightly different skillsets and training programs.

Open two new tabs on the web browser of the computer to compare the following two different electrical apprenticeships:

<https://www.skilledtradesontario.ca/wp-content/uploads/2025/05/electrician-construction-and-maintenance-309A_2024_en_TradeReport.html>

<https://www.skilledtradesontario.ca/wp-content/uploads/2025/05/industrial-electrician-442A_2024_en_TradeReport.html>

# Work Sheet

**Task 1: Using a word processing or spreadsheet program, create a table comparing an Industrial Electrician with a Construction and Maintenance Electrician. Complete the table with columns for**

* **Required hours of on-the-job training**
* **Required hours of technical training**
* **Number of Certificates of Qualification issued in 2024**

Answer: No written response required here.

Task completed: Yes:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 2: Which electrical apprenticeship had the highest percentage of Certificates of Qualification issued to 18–30-year-olds in 2024?**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 3: Which electrical apprenticeship had the highest percentage of Certificates of Qualification issued to women in 2024?**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 4: Using proper sentences, write at least two reasons why you think the salary range for Industrial Electricians is higher than that of Construction and Maintenance Electricians.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Answers

**Task 1: Using a word processing or spreadsheet program, create a table comparing Industrial Electrician with Construction and Maintenance Electrician. Complete the table with columns for**

* **Required hours of on-the-job training**
* **Required hours of technical training**
* **Number of Certificates of Qualification issued in 2024**

Answer:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Required hours on-the-job training** | **Required hours technical training** | **Number of CofQs issued in 2024** |
| Industrial Electrician | 7,950 hours | 1,050 hours | 260 |
| Construction and Maintenance Electrician | 7,950 hours | 1,050 hours | 2,430 |

**Task 2: Which electrical apprenticeship had the highest percentage of Certificates of Qualification issued to 18–30-year-olds in 2024?**

Answer: Construction and Maintenance Electricians

**Task 3: Which electrical apprenticeship had the highest percentage of Certificates of Qualification issued to women in 2024?**

Answer: Industrial Electricians

**Task 4: Using proper sentences, write at least two reasons why you think the salary range for Industrial Electricians is higher than that of Construction and Maintenance Electricians.**

Answers will vary. Possible responses may include

* Significantly fewer Industrial Electricians writing CofQ exams could mean there are fewer Industrial Electricians overall, and they are in greater demand 🡪 higher salary
* There may be greater demand for Industrial Electricians in certain regions compared to others; the highest job postings by region (after Peel which is the highest for both apprenticeships) differs which could also signify greater demand for Industrial Electricians in some regions 🡪 higher salary
* Construction and Maintenance apprenticeships have a lower academic entry qualification (Grade 10) than Industrial apprenticeships (Grade 12) which could also be a reason for slightly different salary ranges.
* There is higher complexity, greater risk, and more specialized skills required for industrial settings, e.g., they may have to work with more complex machinery and specialized systems (automation)
* They may have to more unpredictable work schedules, including nights, weekends, and holidays, due to the critical nature of their work, which can include emergency repairs.

# Performance Descriptors

| Levels | Performance Descriptors | Needs Work | Completes task with support from practitioner | Completes task independently |
| --- | --- | --- | --- | --- |
| A2.1 | scans to locate specific details |  |  |  |
|  | interprets brief text and common symbols |  |  |  |
|  | locates specific details in documents, such as labels and signs |  |  |  |
|  | identifies how lists are organized (e.g. sequential, chronological, alphabetical) |  |  |  |
|  | requires support to identify sources and to evaluate and integrate information |  |  |  |
| B2.3 | writes texts to present information, summarize, express opinions, present arguments, convey ideas, or persuade |  |  |  |
| B3.2b | follows conventions to display information in simple documents |  |  |  |
|  | sorts entries into categories |  |  |  |
|  | displays one or two categories of information organized according to content to be presented |  |  |  |
|  | identifies parts of documents using titles, row and column headings and labels |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Levels | Performance Descriptors | Needs Work | Completes task with support from practitioner | Completes task independently |
| D.2 | selects and follows appropriate steps to complete tasks |  |  |  |
|  | locates and recognizes functions and commands |  |  |  |
|  | makes low-level inferences to interpret icons and text |  |  |  |
|  | begins to identify sources and evaluate information |  |  |  |
|  | performs simple searches using keywords (e.g. internet, software help menu) |  |  |  |

This task: Was successfully completed Needs to be tried again

Learner Comments:

Instructor (print): Learner (print):

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