

CONSTRUCTION ELECTRICIAN

Level One Examination Information

The **Construction Electrician** trade level examinations are developed by the Apprenticeship and Trade Certification Commission in co-operation with a committee of worker and employer representatives selected from industry. The pass mark is 70%. Apprentices may challenge this exam only once. Examination content is based on the expectations and standards for Saskatchewan apprentices as follows:

Total number of questions on the examination - 100 questions

Subject	Percent	Number of Questions
Safety, Tools and Equipment	9%	9
Electrical Theory, Practices and Communication	20%	20
DC Circuits	15%	15
Conductors and Branch Circuits	11%	11
Extra-low Voltage, Magnetism and Meters	14%	14
Wiring Methods	16%	16
Single Dwelling Plans, Lighting and Services	15%	15
Total (100 Questions)	100%	100

Note: This examination has been designed to follow the:

2024 Canadian Electrical Code, Part 1 – 26th Edition (CSA C22.1:24)

Study all areas of the trade in preparing for the examination.

To assist you, a list of reference textbooks is provided below. Note that ISBN numbers are subject to change. Please consult with your supplier to access their most current version of the text you are acquiring. It is not necessary to use these specific textbooks; you may find others which will be equally beneficial. You are encouraged to seek additional reference materials in all test areas.

Saskatchewan Polytechnic Information Purchased from Bookstore:

- Delmar's Standard Textbook of Electricity by Herman Delmar Publishers ISBN 9781285852706
- Electric Motor Control by Alerich Delmar Publishers ISBN 9781133702818
- Electronics for Industrial Electricians by Herman Delmar Publishers ISBN 9781305505995
- The 2024 Canadian Electrical Code, Part 1, 26th Edition by CSA Group ISBN 9781488342523

Saskatchewan Polytechnic Modules Supplied by the Instructor:

- Construction Electrician Apprentice Level 1 Harmonized

Use of cell phones, electronic imaging/recording or communication equipment is **not** permitted. You will be required to leave immediately if any of these items are found on your person.

Please note that examinations and study information change frequently. The most recent information is available on our website at www.saskapprenticeship.ca.

Individual Learning Modules (ILMs) for the Construction Electrician trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398 or through www.tradesecrets.org under Electrician.

*Unless otherwise noted, books listed here are available through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398.

NOTE: Textbooks **are not** usually available from libraries. When texts are being purchased, candidates should allow several weeks for delivery and several weeks for studying.

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This information is subject to change without notice.