

## Inspection and Technical Services

### Limited Specialized Trade Electrician's Exam Syllabus Sign

ITS CS Guide 08

There are 50 multiple choice questions on the Limited Specialized Trade Electricians' Sign Exam. You will have 3.5 hours to complete the exam. The pass mark is 70%.

**The Limited Specialized Trade Electricians' Sign Exam may test your knowledge in the following areas:**

- C 22.1 - 2018 Canadian Electrical Code: Section # 0, 2, 4, 8, 10, 12, 16, 34
- Manitoba Workplace Safety and Health Regulation (2015 edition): Part # 6, 13, 14, 16, 38
- Scope of an M-B Licence holder (Electric Sign) as described in ***ITS 21-036 – Electrical Licences***
- Electrical Theory (as referenced from *Delmar's Standard Textbook of Electricity, 7<sup>th</sup> Edition*):
  - Ohm's Law Calculations (formula will be provided at the exam)
  - Series/Parallel Circuits
  - Electrical Measuring Terms
  - D.C. and A.C. Electrical Fundamentals
  - Electrical Measuring Instruments

**To write this exam you are required to bring a non-programmable calculator, pencil (HB or #2 only). You will be supplied with the following reference materials on the day of the exam:**

- C 22.1 Canadian Electrical Code - 2018 edition
- Manitoba Workplace Safety and Health Regulation (2015 edition)

