BRITISH COLUMBIA · CLASSES A, B AND C

THE BC FSR EXAM BLUEPRINT.

A Field Safety Representative (FSR) certificate of qualification lets an electrician submit declarations for regulated electrical work on behalf of an employer, and an electrical contractor's licence application has to name one (SSGR s.6). Technical Safety BC sets and delivers the certificate exam.

Classes A, B and C each have **60 multiple-choice questions in 3.5 hours**, open book, with a pass mark of **70%**. Technical Safety BC gives each exam a **35%** focus on the Act, Regulations and Directives and a **65%** focus on the Code, and publishes nothing finer than that split.

60	3.5 h	70%	35 / 65
MULTIPLE-CHOICE QUESTIONS	OPEN BOOK	PASS MARK	ACTS AND REGS / CODE

HOW YOU WRITE IT (TECHNICAL SAFETY BC PAGES, READ NOVEMBER 2026)

Booking and the sitting

You apply first and Technical Safety BC evaluates your qualifications ($340 in 2026, $357 from January 1, 2027, non-refundable). Once approved, you book the exam: digital, at a Technical Safety BC office ($193; $203 in 2027) or online with remote proctoring through ProctorTrack ($183; $192 in 2027). Bring your own non-programmable calculator.

Results

After each attempt you get a notification letter with your marks and the areas that need improvement. The certificate is renewed through Technical Safety BC, with continuing education for each renewal under ESR s.10.1.

IF IT DOESN'T GO YOUR WAY

You have **three chances.** After a fail you wait **30 days** before you can rebook, each rewrite is charged as a new exam, and a fourth attempt needs Technical Safety BC's permission. The notification letter is your study plan.

TURN THE PAGE

Four study units and our mock weights, what each class covers, what you may bring into the exam, and a six-week study plan.

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TWO PARTS, STUDIED AS FOUR UNITS.

The 35% and 65% are Technical Safety BC's. Everything else in this table is TicketPrep's: the four units, the 60-question mock split (21 and 39 of 60 is our reading of 35 / 65, divided between the units by their size) and the bank counts. Our mock follows the Class B and C scope.

OUR UNIT · WHAT IT COVERS	PART	MOCK*	BANK*	HARDER	TOTAL
A · Safety Standards Act and General Regulation Scope and administration; contractors, certificates and the FSR; permits and inspections; directives, safety orders, variances; enforcement, review and appeal, offences.	**35%**	**9**	60	20	**80**
B · Electrical Safety Regulation, Directives and Bulletins Who may do regulated electrical work; FSR classes; installation, homeowner and operating permits; declarations; approval marks; emergencies, incidents and utilities.	**35%**	**12**	80	30	**110**
C · BC Electrical Code Rules CEC 2024 rules, Sections 0 to 86 except Section 36, read with the binding Technical Safety BC directives and the code bulletins.	**65%**	**18**	100	30	**130**
D · BC Electrical Code Calculations Dwelling, row-housing, suite and apartment loads with the BC bulletins; EVSE; RV parks; ampacity, voltage drop, fill, motors, welders, transformers, bonding.	**65%**	**21**	140	60	**200**
Class A only · Section 36 and high voltage Section 36 with directive D-E3 090313 1. Practised as its own set, outside the mock. No CSA C22.3 No. 1 overhead-systems questions.	**A**	**0**	20	10	**30**

The code is 65%. Units C and D carry 39 of our 60 mock questions, and the calculations alone carry 21, more than either Acts and Regulations unit. *Mock is how many of **TicketPrep's** 60 mock-exam questions come from each unit; Technical Safety BC publishes no unit weights. Bank, Harder and Total are our practice bank (400 Standard plus 150 harder, 550 in all), not the exam's breakdown.

WHERE THE MARKS GO WRONG

- **Reading the code without the directive.** BC adopted the 2024 code with no deviations, so the BC layer comes through the directives. D-EL 2016-02 on de-energized work and D-EL 2016-07 on readily accessible protection decide how a Rule is applied here.
- **Using the national method for a BC load.** Technical Safety BC bulletins set how row housing, new load on an existing house and EV charging are calculated. Work them the bulletin's way.
- **Mixing up who decides.** Safety officer, safety manager, provincial safety manager, registrar: the Act gives each different powers, and review and appeal routes follow from that.
- **Missing the time limits.** Days to notify, days between attempts, the 180-day inspection request: the Acts and Regulations questions often turn on a number in the section.

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THE CLASSES AND THE BOOKS

WHAT EACH CLASS COVERS.

CLASS A

Any regulated electrical work, with no voltage or ampere limit. Code scope: every section of the CEC, including Section 36, plus CSA C22.3 No. 1, Overhead Systems.

CLASS B

Installations under 1000 V, plus underground raceway at any voltage. Code scope: the CEC except Section 36.

CLASS C

Under 150 V to ground, 200 A or less, single phase. Code scope: the same as Class B.

WHO MAY WRITE

An electrician's certificate of qualification (or an EWX exemption permit), a recognized code course within three years, then 1 year (1,800 h) of electrical work under the code after the ticket for B or C, or 2 years (3,600 h) and three documented high-voltage installations for A. P.Eng and AScT routes also exist.

OUR COVERAGE, PLAINLY

Classes B and C share one code scope, and our mock follows it. For Class A we add a set of 30 questions on Section 36 and high voltage, but our bank has **no CSA C22.3 No. 1 questions**, so it does not cover the whole Class A exam. Restricted classes (A-R, B-R, C-R) have their own shorter exams and are not covered.

WHAT YOU MAY USE.

The exam is open book, and the rules are strict:

- **The code book.** Bring the current Canadian Electrical Code, Part I (the 2024 edition, the B.C. Electrical Code since March 4, 2025). Class A candidates also bring CSA C22.3 No. 1.
- **The Acts and Regulations.** For electrical exams Technical Safety BC supplies online links to the Safety Standards Act, the Safety Standards General Regulation, the Electrical Safety Regulation and its directives and bulletins.
- **What is not allowed.** The CEC Handbook and the CEC Pocket Reference. Pages with written formulas, examples or calculations must be removed before the exam; cross-reference notes and highlighting are fine.
- **A calculator.** Non-programmable only, and you bring your own.

> **Practise finding things.** 60 questions in 3.5 hours is 3.5 minutes each. The time goes on finding the Rule, the section or the directive, so tab the code and practise with the books open. Technical Safety BC publishes no sample questions, and question dumps sold online did not come from it: the code and the regulations are what to learn.

YOUR PLAN

A SIX-WEEK PLAN FOR THE BC FSR EXAM.

The Acts and Regulations first, while your code course is fresh, then the code rules, then the calculations, then full mocks. Work every practice question with the books open. Short on time? Shorten the weeks, keep the order and the final mocks.

01 **Week 1: Safety Standards Act and General Regulation.** Scope and exclusions, who holds which power, licences and certificates, permits, directives, safety orders, variances, compliance orders, review and appeal.

02 **Week 2: Electrical Safety Regulation, directives and bulletins.** Who may do and supervise the work, the FSR classes, installation, homeowner and operating permits, the 180-day rule, approval marks, incident reporting.

03 **Week 3: Code rules, part 1.** Sections 0, 2, 4, 6, 10 and 12, each read with its directive or bulletin: de-energized work, conductors and services, grounding and bonding, wiring methods, underground.

04 **Week 4: Code rules, part 2.** Sections 14, 16 and 26 with D-EL 2016-07 and D-EL 2016-01, then hazardous locations, motors, heating, and the special sections with D-EL 2016-03.

05 **Week 5: Calculations.** Dwelling, row-housing, suite and apartment loads with the BC bulletins, EVSE, add-load checks, RV parks, ampacity, voltage drop, fill, motors, transformers and bonding conductors.

06 **Week 6: Full mocks.** 60 questions in 3.5 hours, books open, then score each unit on its own: the weakest is your next drill. Class A candidates add Section 36 and high voltage, and study C22.3 No. 1 from the standard itself.

PRACTISE BY UNIT

TicketPrep's BC FSR bank is 550 original questions, 400 Standard and 150 harder, with every option explained. Mocks are 60 questions in 3.5 hours, drawn 9, 12, 18 and 21 from Units A to D (our split of the 35 / 65 focus), with your score in each unit.

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