

Refrigeration Electrical Endorsement (FSR) Exam Preparation Course

Class ID# UARE921

September 24, 25, 26, 2021

Friday, Saturday, Sunday from 8:00am to 2:00pm

Instructor: Doug Pringle

Tuition: \$900.00 plus GST

Textbook: Canadian Electrical Code (C22.1-18) - \$249.00 plus GST

Course Description

Designed to prepare the Journeyman to challenge the Technical Safety BC Refrigeration Electrical Endorsement (FSR) exam.

Subjects covered are:

Electrical panel sizing, motor wire sizing and related controls, compressor wire sizing and related controls, code definitions and application of the Canadian Electrical Code, explanation of bulletins, directives and ERRATAs.

A **Class B-R (Refrigeration) FSR** (formerly known as Class RE) certificate of qualification entitles the holder to act as a Field Safety Representative (FSR). They can make declarations on behalf of their employer for regulated electrical work only with respect to electrical installations in which the voltage of the completed installation does not exceed 750 volts for the following installations: circuits for refrigeration equipment, air-conditioning units, heat pumps and chillers; fabricate, install, alter, repair, or service any system used for cooling and/or heating (i.e. heat pumps) in closed systems that contain a refrigeration or a brine and thermoelectric cooling; and piping, controls and electrical work usually performed by a journeyperson; branch circuit wiring from existing enclosures containing overcurrent devices.

Scope of work NOT included under this certificate:

- Electrical work on fire alarm systems
- Electrical work in hazardous locations