



Energy Safety Canada Fire Watch Instructor Application Guide

Pre-requisites

The following pre-requisites are the minimum required to be granted entry into the Energy Safety Canada Fire Watch instructor training program:

1. A *minimum* of one (1) year of work experience with fire suppression equipment or hot work.
2. An adequate knowledge of Legislation and Standards, fire equipment (types and operation of fire extinguishers), and Fire Watch duties and responsibilities.
3. Current, valid Standard First Aid certificate, including CPR certification (or equivalent).
4. Current Energy Safety Canada Fire Watch certificate.

Pre-entry Examination

The following is a general guide, but is not limited to, what the candidate will be expected to explain, describe or demonstrate. A mark of 85% is required to pass the pre-entry examination.

Legislation & Standards

- OH&S Act, Section 2(1) (Obligations of employers, workers)
- Alberta Fire Code - Part 5 (Hazardous Processes & Operations)
- National Fire Protection Association (NFPA) - 51B (Standard for Fire Prevention during Welding, Cutting and other Hot Work).

Principles of Combustion

- Types of Fires, Fire Tetrahedron
- Flammability and Explosive Limits
- Physical States of Fuels
- Heat and Methods of Heat Transfer

Hazard Assessment and Control

- Fire Hazards in the Oil & Gas Industry
- Hierarchy of Hazard Controls



Hot Work

- Definition
- Regulatory Requirements
- Controlling Hot Work Hazards
- Hot Work Permits

Fire Equipment

- Five Classifications of Fire
- Types of Extinguishers and How to Use Them
- Inspection & Maintenance

Required References

To prepare for the Fire Watch instructor pre-entry examination, candidates should have a good knowledge of the following:

- Energy Safety Canada Fire Watch course Participant Manual
- OH&S Act, Section 2(1)
- Alberta Fire Code - Part 5 (Hazardous Processes & Operations)
- National Fire Protection Association (NFPA) - 51B

Maintenance of certification:

1. Instruct the minimum number of required courses (two per year).
2. Access and use the Energy Safety Canada instructor portal to:
 - maintain instructor profile information
 - review and acknowledge all required program standards and information bulletins
 - review and sign required codes of ethics and instructor agreements