

## Alberta Small Employer OHS Legislated Requirements

**Industry Code: 42144**  
**Fire Sprinklers – Install/Service**

**This document is a guideline only.** Employers have a responsibility of assessing all applicable occupational health and safety legislation, for the tasks they are performing.

Supply and installation of fire sprinkler systems in buildings, parkades, operating process plants, and special areas or projects such as in and around vessels or transformers.

Task description	Type of equipment used and workers employed
<p>Piping is installed throughout an area for fire protection, often overhead in ceilings. Sprinkler heads are attached at strategic intervals, and the system is hooked up to a water supply. Other mediums may include dry chemicals, liquid alkalyd salt, or halon gas, however, these are supplied on a smaller scale such as installation in one room only.</p> <p>Sales and service other fire protection/suppression equipment such as fire extinguishers.</p>	<p>Equipment includes; handtools, ladders, gauges/meters, trucks, warehouse/sales front.</p> <p>Workers include; plumbers, technical staff, warehouse staff, sales/estimators, administrative staff.</p>

Relevant sections of OHS Legislation:

### Occupational Health and Safety Act

<b>Section</b>	2	Obligations of employers, workers, etc.
	18	Serious injuries and accidents
	19	Investigation of accidents
	35	Existence of imminent danger
	37	Disciplinary action complaint

### Occupational Health and Safety Regulation

<b>Section</b>	7	Availability of specifications
	12	Equipment
	13	General protection of workers
	14	Duties of workers
	15	Safety training

### Occupational Health and Safety Code (2009)

Part 1	Section	
Definitions and	2.1	Availability of legislation
General Application	2.2	Designated person to prepare plan

Part 2	Section	
Hazard Assessment,	7	Hazard assessment
Elimination and	8	Worker participation
Control	9	Hazard elimination and control

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<b>Part 3</b>	<b>Section</b>	
Specifications and Certifications	12	Following specifications
	13	Manufacturer's and Professional Engineer's specifications
	14	Certification by a professional engineer
	15	Approved equipment

<b>Part 4</b>	<b>Section</b>	
Chemical Hazards, Biological Hazards and Harmful Substances	16	Worker exposure to harmful substance
	21	Potential worker exposure
	22	Worker overexposure
	24	Emergency baths, showers, eye wash equipment
	27	Storage of harmful substance
	<b>Refer to schedule 1</b>	

<b>Part 5</b>	<b>Section</b>	
Confined Spaces	45	Hazard assessment
	46	Training
	48	Safety and protection - generally
	50	Unauthorized entry
	51	Traffic hazards
	55	Emergency response
	56	Tending worker
	57	Entry and exit

<b>Part 7</b>	<b>Section</b>	
Emergency	115	Emergency response plan
Preparedness and Response	116	Contents of plan

<b>Part 8</b>	<b>Section</b>	
Entrances, Walkways, Stairways and Ladders	119	Safe entry and exit
	120	Doors
	133	Portable Ladders; Prohibition
	135	Portable Ladders; Manufacturing Standards
	136	Portable Ladders; Securing and Positioning
	137	Portable Ladders; Fall Protection

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Part 9	Section	
Fall Protection	139	General protection
	140	Fall protection plan
	141	Instruction of workers
	142	Full body harness
	150.1	Inspection and maintenance
	150.2	Removal from service
	151	Clearance, maximum arresting force and swing
	152.1	Anchor strength - temporary
	152.1	Anchor strength - permanent
	152.2	Duty to use anchors
	152.3	Independence of anchors
	156	Boom-supported work platforms and aerial devices

Part 11	Section	
First Aid	178	Providing services, supplies, equipment
	179	Location of first aid
	180	Emergency transportation
	181	First aid providers
	182	Duty to report injury or illness
	183	Record of injury or illness
	184	First aid record access
	<b>Refer to Schedule 2</b>	

Part 12	Section	
General Safety	185	Housekeeping
Precautions	186	Lighting
	189	Securing equipment and materials

Part 14	Section	
Lifting and Handling	208	Equipment
Loads	209	Adapting to heavy or awkward loads
	210	Assessing manual handling hazards

Part 15	Section	
Managing the Control of Hazardous Energy	212	Isolation
	213	Verifying Isolation
	214	Securing by Individual Workers
	215.3	Returning to operation
	215.4	Isolating piping

Part 18	Section	
Personal Protective Equipment	228	Duty to use personal protective equipment
	229	Eye protection (compliance with standards)

<b>Part 19</b>	<b>Section</b>	
Powered Mobile Equipment	256	Operator Responsibilities
	290.1	Personal Vehicle for Work Purposes

<b>Part 22</b>	<b>Section</b>	
Safeguards	310	Safeguards
	311	Tampering with safeguards
	312	No safeguards

<b>Part 23</b>	<b>Section</b>	
Scaffolds	326	Tagging requirements
	334	Free-standing or rolling scaffolds

<b>Part 24</b>	<b>Section</b>	
Toilets and Washing Facilities	354	Restrictions by employer
	355	Drinking fluids
	356	Exception (temp. site)
	357	Toilet facilities

<b>Part 27</b>	<b>Section</b>	
Violence	389	Hazard assessment
	390	Policy and procedures
	391	Instruction of workers
	392	Response to incidents

<b>Part 28</b>	<b>Section</b>	
Working Alone	393	Application
	394	Precautions required (communication)

<b>Part 29</b>	<b>Section</b>	
Workplace Hazardous Materials Information System (WHMIS)	397	Training
	398	Label required
	400	Decanted products
	404	Material Safety Data Sheet - Supplier
	406	Information current (MSDS)
	407	Availability of Material Safety Data Sheet