

Alberta Small Employer OHS Legislated Requirements

Industry Code: 42117
Heating Systems – Fab/Install

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.

This is a supply and install classification of heating, ventilation and air conditioning (HVAC) equipment and systems in residential, commercial and industrial environments.

Task description	Type of equipment used and workers employed
<p>Includes the sales and installation of fireplaces.</p> <p>Installation can include delivery, assembling the unit, and calibrating the unit sensors, controls or instruments. Activities can include prefabrication work in the shop and on-site work for intake or exhaust vents for HVAC systems or roof ducts for clothes dryers.</p> <p>Some service contractors may operate a retail business to sell the same items and related parts and accessories.</p> <p>Servicing/maintaining or repairing of control systems used in heating, air conditioning and ventilation systems.</p> <ul style="list-style-type: none"> • Air Conditioners and Furnaces, Installation, Service • Air Conditioning Systems, Mfg and Installation • Fireplaces, Sale, Service and Installation • Furnaces and Air Conditioners - Installation, Svc • Garbage Chutes - Fabrication and Installation • Heating, Ventilation, Air Conditioning (HVAC) • Hot Air Systems - Fabrication and Installation/Svc • Thermostats - Service of • Ventilation Systems, Ducts/Equip - Install and Mfg • Roof Flashings - Fabrication and Installation • Sheet Metal - Mfg with Installation 	<p>Businesses may utilize cutters, crimpers, ladders, rivets, trucks, warehouse/storage facilities.</p> <p>Workers include; sheet metal workers, technical staff, labourers, warehouse, and administrative staff.</p>

Relevant sections of OHS Legislation:

Occupational Health and Safety Act		
Section		
	2	Obligations of employers, workers, etc.
	18	Serious injuries and accidents
	19	Investigation of accidents
	35	Existence of imminent danger
	37	Disciplinary action complaint

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Occupational Health and Safety Regulation

Section	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

Part 3	Section	
Specifications and	12	Following specifications
Certifications	13	Manufacturer’s and Professional Engineer’s specifications
	14	Certification by a professional engineer
	15	Approved equipment

Part 7	Section	
Emergency	115	Emergency response plan
Preparedness and Response	116	Contents of plan

Part 8	Section	
Entrances, Walkways, Stairways and Ladders	133	Portable ladders, Prohibition
	135	Manufactured portable ladder
	136	Securing and positioning
	137	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
	143	Connectors, carabiners and snap hooks
	144	Fall arrestors
	150	Equipment compatibility
	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

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
	Refer to Schedule 2	

Part 12	Section	
General Safety	185	Housekeeping
Precautions	187	Pallets and storage racks
	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 18	Section	
Personal Protective Equipment	228	Duty to use personal protective equipment
	229	Eye protection (compliance with standards)
	233	Footwear
	242	Limb and body protection

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Part 19	Section	
Powered Mobile Equipment	256	Operator Responsibilities
	257	Visual inspection
	259	Pedestrian traffic
	260	Inspection and maintenance
	264	Lights
	265	Windows and windshields
	279	Refuelling

Part 22	Section	
Safeguards	310	Safeguards
	315	Guardrails
	318	Protection from falling objects

Part 23	Section	
Scaffolds	326	Tagging requirements
	334	Free-standing or rolling scaffolds

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

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

Part 28	Section	
Working Alone	393	Application
	394	Precautions required (communication)

Part 29	Section	
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