

Alberta Small Employer OHS Legislated Requirements

Industry Code: 42121
Doors/Windows – Mfg/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 industry is the supply and/or install of new and replacement plate glass; glass, wood and metal pedestrian doors; wood, aluminum and plastic-framed windows; and door and window hardware for residential, commercial and industrial construction.

Task description	Type of equipment used and workers employed
<p>Glass is manufactured out of province. Plate glass is shipped in large crates and held in large warehouses. This glass may be further distributed as is to customers. At this stage, the plate glass is most often cut to a size ordered, or for purposes of easier handling in further distribution or manufacturing.</p> <p>Glass is cut to length and size and placed (glazed) in wood, plastic, or extruded aluminum frames to be windows (including sealed glass units) or doors which may also be cut to size. Interior and exterior doors and windows may be drilled for holes for hardware. This industry includes all glass or mirror door and window supply and/or install activities including glazing, bevelling, edging and etching activities.</p> <p>Businesses in this industry may also stock and sell (and install) related items over-the-counter such as weather stripping, unfinished doors and windows, wall mirrors, locks, hinges, handles, frames, sliding/patio/closet doors, sliding roof and floor tracks, closet organizers and shelving systems.</p> <p>Businesses in this industry conduct sales of automotive glass, which requires no custom cutting work, as auto glass is specific to the make and model of a vehicle.</p>	<p>Equipment includes; a warehouse, racks, glasscutters, saws, forklifts, trucks.</p> <p>Workers include; glaziers, laborers, technical staff, warehouse/shop staff, sales/estimators, administrative staff, and drivers.</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,	119	Safe entry and exit
Stairways and Ladders	120	Doors
	133	Portable Ladders; Prohibition
	135	Portable Ladders; Manufacturing Standards
	136	Portable Ladders; Securing and Positioning
	137	Portable Ladders; Fall Protection

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

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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	186	Lighting
	187	Pallets and storage racks
	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

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

Part 19	Section	
Powered Mobile Equipment	256	Operator Responsibilities
	257	Visual inspection
	258	Dangerous movement
	260	Inspection and maintenance
	261	Maintenance on elevated parts
	262	Starting engines
	263	Unattended equipment

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264	Lights
265	Windows and windshields
266	Other safety equipment
274	Fuel tank in cab
279	Refuelling
283	Load charts (Forklift trucks)
284	Seat belt (Forklift trucks)

Part 21	Section	
Rigging	292	Breaking strength
	292.1	Safety factors
	293	Load ratings
	294	Inspection
	295	Prohibition
	296	Rigging protection
	297	Standards
	298	Slings
	303	Safety latches
	304	Makeshift rigging and welding
	305	Synthetic fibre slings (rejection criteria)
	306	Wire rope (rejection criteria)
	307	Metal mesh slings
	308	Electric arc damage
	309	Damaged hooks

Part 22	Section	
Safeguards	310	Safeguards
	311	Tampering with safeguards
	312	No safeguards

Part 23	Section	
Scaffolds	323	CSA Standard applies
	324	Design
	325	Load
	326	Tagging requirements
	327	Vertical ladder on scaffold
	328	Working from a ladder
	329	Scaffold planks
	330	Scaffold platform
	331	Metal scaffolding
	334	Free-standing or rolling scaffolds
	346	Worker safety (elevated platforms and aerial devices)
Refer to schedule 6		

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Part 24	Section	
Toilets and Washing Facilities	354	Restrictions by employer
	355	Drinking fluids
	356	Exception (temp. site)
	357	Toilet facilities
	359	Hand cleaning facilities
	360	Supplies and waste receptacle
	361	Condition of facilities

Part 25	Section	
Tools, Equipment and Machinery	362	Contact by clothing, etc.
	375	Grinders
	377	Circular Saw Blades

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