

Alberta Small Employer OHS Legislated Requirements

Industry Code: 42102
Brick/Masonry Construction

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.

Brick/masonry is a supply and install industry of the following products and also includes Industry 42115 Paving Stone – Sell/Install (consolidated to Industry Code 42102 on January 1, 2010).

Task description	Type of equipment used and workers employed
<p>Paving stone of which serves the landscaping market most often in residential and commercial applications.</p>	<p>The paving stone activities will include design and layout work, site preparation, providing a sand base and leveling. Blocks and stone and patio bricks may be cut or trimmed and stones are tamped into place. This is commonly found for patios, pathways and driveways.</p> <p>Equipment used for these activities include use of a bobcat, gardening-type tools, tamper, stone-cutters and employ stone-layers, laborers, designers, sales/estimators, office/administrative staff.</p>
<p>Masonry work utilizing bricks, concrete blocks, precast stone fascia, marble or glass blocks and a mortar/cement bonding material. The construction application of this is most often conducted on building facades, walls, exteriors, entranceways and lobbies, fireplaces, etc.</p>	<p>Brick and masonry work involves cutting to size, placing and, with a trowel, applying mortar between pieces for bonding.</p> <p>Equipment can include mixers, trowels, scaffolding, cutting wheels, hand tools, forklift, and trucks, and may employ brick/masonry trades, labourers, sales/estimators, and office/administrative staff.</p>
<p>Placement of precast steps for houses or mobile homes.</p>	<p>This task involves hoisting the precast stairs into position and securing them in place.</p> <p>Equipment used is a hoist (articulating boom), masonry hammer drill, employing labourers to secure the stairs.</p>
<p>Sales/installation of styrofoam type blocks which are used as forms.</p>	<p>These blocks are left in place after the concrete is poured and serve as an insulator. When this activity is ancillary to the main activity of laying sidewalk blocks, flagstone or paving stones, it is considered part of this industry.</p> <p>Equipment include scaffolding, concrete pumper, hand tools, circular saw, and employ carpenters, labourers, and concrete finishers.</p>

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Relevant sections of OHS Legislation:

Occupational Health and Safety Act

Section 3,4,5 Obligations of employers, workers, etc.

40 Serious injuries and accidents

53 Investigation of injuries and incident

31 Existence of imminent danger

37 Discriminatory action complaint

16-17 Joint Work Site Health and Safety Committees and Health and Safety Rep.

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 4 Section

Chemical Hazards, 16 Worker exposure to harmful substance

Biological Hazards 21 Potential worker exposure

and Harmful 22 Worker overexposure

Substances 24 Emergency baths, showers, eye wash equipment

27 Storage of harmful substance

Refer to schedule 1

Part 7 Section

Emergency 115 Emergency response plan

Preparedness and 116 Contents of plan

Response 117 Rescue and evacuation workers

118 Equipment

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Part 8	Section	
Entrances, Walkways, Stairways and Ladders	119	Safe entry and exit
	120	Doors
	121	Walkways, runways and ramps
	122	Stairways
	123	Handrails on stairways

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	Anchor strength – permanent
	152.1	Anchor strength – temporary
	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
	189	Securing equipment and materials
	192	Stabilizing masonry walls
	194	Vehicle traffic control

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

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Part 17	Section	
Overhead Power Lines	225	Safe limit of approach distances
	Refer to Schedule 4	

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
	243	Skin protection
	244	Respiratory dangers
	245	Code of practice

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

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
	333	Double pole scaffolds
	340	Single-pole scaffolds
	346	Worker safety (elevated platforms and aerial devices)
349	Fork-mounted work platforms	
	Refer to schedule 6	

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

Part 25	Section	
Tools, Equipment and Machinery	362	Contact by clothing, etc.
	366	Preventing machine activation
	367	Operator responsibility
	370	Drive belts

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Part 27		Section
Violence and	389	Hazard assessment
Harassment	390	Violence prevention plan
	390.4	Harassment prevention plan
	391	Training of workers
	391.1	Investigation and reporting of incidents

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