

Alberta Small Employer OHS Legislated Requirements

Industry Code: 42161
Erect Precast Concrete

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 industry of pre-cast concrete slabs used on buildings, bridges, dams, and as abutments or roadside barriers.

Task description	Type of equipment used and workers employed
Delivery, lifting and placement of pre-formed concrete pieces by bolting or welding.	<p>Equipment includes; trucks, cranes, scaffolding, welders, hand tools, concrete forms,</p> <p>Workers include; welders, equipment operators, technicians, laborers, warehouse/yard/shop staff, sales/estimators, 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

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

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

Part 6	Section	
Cranes, Hoists and Lifting Equipment	59	Application
	60	Not commercially manufactured
	61	Identification of components
	62	Rated load capacity
	63	Load charts
	64	Operator requirements
	65	Log books
	66	Preventing an unsafe lift
	67	Preventing collisions
	68	Load weight
	68.1	Lift calculation
	69	Loads over work areas
	70	Tag and hoisting lines
	71	Hand signals
	72	Controls
	73	Repairs and modifications
	74	Containers for hoisting
	88	Safety codes for mobile cranes
	89	Non-destructive testing
	90	Counterweights and outriggers
91	Warning device	
92	Preventing damage	
92.1	Load blocks	
92.2	Outriggers	

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

Part 8	Section	
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

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

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
	234	Industrial headwear
	242	Limb and body protection

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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
	264	Lights
	265	Windows and windshields
	266	Other safety equipment
	273	Recertification after modification
	274	Fuel tank in cab
	279	Refuelling

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
	299	Rope wound on drum
	300	Cable clips
	301	Ferrules
	302	Matching components
	303	Safety latches
	304	Makeshift rigging and welding
	305	Synthetic fibre slings
	306	Wire rope
	307	Metal mesh slings
	308	Electric arc damage
309	Damaged hooks	

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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
	338	Outrigger scaffolds
	346	Worker safety (elevated platforms and aerial devices)
	348	Permanent suspension powered work platforms
	349	Fork-mounted work platforms
Refer to schedule 6		

Part 24	Section	
Toilets and Washing Facilities	254	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 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