

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

- 40 Serious injuries and incident
- 53 Investigation of injury or incident
- 36 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 General Application	2.2	Designated person to prepare plan
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Part 2

Section

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

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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	

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Preparedness and Response	116	Contents of plan

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Entrances, Walkways, Stairways and Ladders	119	Safe entry and exit
	120	Doors
	133	Portable Ladders Prohibition
	135	Manufactured portable ladder
	136	Securing and Positioning
	137	Fall Protection

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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	Anchor strength – permanent
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	152.2	Duty to use anchors
	152.3	Independence of anchors

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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
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Precautions	186	Lighting
	189	Securing equipment and materials

Part 14	Section	
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	210	Assessing manual handling hazards

Part 18	Section	
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	234	Industrial headwear
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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

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	292.1	Safety factors
	293	Load ratings
	294	Inspection
	295	Prohibition
	296	Rigging protection
	297	Standards
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	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
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	348	Permanent suspension powered work platforms
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	355	Drinking fluids
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	404	Safety Data Sheet - Supplier
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