

Alberta Small Employer OHS Legislated Requirements

Industry Code: 42105
Erect – Sheet/Metal Structures

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 supplies and install different types of steel buildings or structures that vary from pre-engineered self-framing storage sheds or grain bins to large steel-framed (rigid) warehouse, and shop complexes.

Task description	Type of equipment used and workers employed
<p>Erecting wood-framed structures with a metal cladding exterior (like farm equipment shelters) is in this industry.</p> <p>The installer will prepare the site, then pour concrete for a foundation.</p> <p>Businesses may stock the metal building/structure packages, sell the metal building/structure package, and set up the building package</p>	<p>Workers include; ironworkers, laborers, technical staff, sales/estimators, designers, engineers, administrative staff.</p> <p>Equipment used includes; excavator, mobile cranes, scaffolding, elevating work platform, hand tools.</p>

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 injury or incident
- 31 Right to refuse dangerous work
- 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
Part 2	Section
Hazard Assessment, Elimination and Control	7 Hazard assessment 8 Worker participation 9 Hazard elimination and control

**Alberta Small Employer
OHS Legislated Requirements**

**Industry Code: 42105
Erect – Sheet/Metal Structures**

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 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	Manufactured portable ladder
	136	Securing and Positioning
	137	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
	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	

**Alberta Small Employer
OHS Legislated Requirements**

**Industry Code: 42105
Erect – Sheet/Metal Structures**

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 17	Section	
Overhead Power Lines	225	Safe limit of approach distances
	226	Transport loads, equipment and buildings
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
	234	Head protection
	242	Limb and body protection

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	

**Alberta Small Employer
OHS Legislated Requirements**

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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	

Part 22	Section	
Safeguards	310	Safeguards
	311	Tampering with safeguards
	312	No safeguards
	315	Guardrails
	321	Toe boards

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)
347	Standards (elevated platforms and aerial devices)	
349	Fork-mounted work platforms	
	Refer to schedule 6	

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OHS Legislated Requirements**

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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

Part 27	Section	
Violence and Harassment	389	Hazard assessment
	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 Materials Information System (WHMIS)	397	Training
	398	Label required
	400	Decanted products
	404	Safety Data Sheet - Supplier
	406	Information current (SDS)
	407	Availability of Safety Data Sheet