

Alberta Small Employer OHS Legislated Requirements

Industry Code: 31508
Overhead Cranes – Service only

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.

The type of cranes referred to operate electrically, hydraulically or manually and run overhead on tracks or beams - usually in a long bay of a warehouse, fabrication facility and yard, or operating plant (water, oil/gas, etc).

Task description	Type of equipment used and workers employed
Overhead cranes operate inside buildings to move product from one stage of production to another. The cranes may also run outside on supported tracks to pick up stock piles of material.	Service personnel will use a ladder, scaffold, or elevated work platform to service the cranes. Some cranes are built with a cat walk attached to the mast for easy access.
Servicing involves electrical repairs. However, mechanical repairs such as replacing worn out bearings or wheels are common.	hand tools, lubricants and inspection penetrants (chemical spray).

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 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

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	

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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 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
	290.1	Personal Vehicle for Work Purposes

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)
	347	Standards (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

Part 25	Section	
Tools, Equipment and Machinery	362	Contact by clothing, etc.

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