

Alberta Small Employer OHS Legislated Requirements

Industry Code: 40604
Mobile Equipment Operation

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 includes businesses that are engaged to undertake contracts which predominantly require the use of mobile equipment and are not elsewhere classified.

Task description	Type of equipment used and workers employed
Types of construction endeavors can include, but are not limited to: road construction, golf course construction, sewer and water line installation, general excavation, grading, tunneling, land reclamation, land clearing, building demolition, snow clearing, mowing grass along roadways, etc.	<p>Businesses may use any of a wide variety of equipment such as bulldozers, backhoes, graders, forklifts, mobile cranes, etc.</p> <p>Workers will include equipment operators who may be supported by engineers, technical staff, mechanics, laborers, truck drivers, sales/estimators, and office/administrative staff.</p>
The sale of bulk landscape products such as gravel, sand, shale and decorative rock with or without ancillary garden products.	
Sand/gravel pit and gravel crushing operations, including product delivery from the pit.	
Trucks to transport equipment between work sites or haul away material which has been excavated; however, trucking activities are incidental to the operation of the mobile equipment. These businesses may do some infrequent custom equipment hauling for others and would not require a separate classification in such circumstances.	
This industry will cover all the operations of employers who are general contractors in road construction and the development of subdivisions. These may be comprehensive contracts requiring diverse pieces of equipment and construction activities.	
The operation of mobile truck-mounted cranes will be covered in this industry when the contract is to perform onsite loading and unloading, which is not related to the transport of the goods being loaded or unloaded.	
Land or brush clearing, with the use of only chain saws, are included here when the contract is for the clearing of land	
Scarification (the clearing/cleaning of land already logged by using heavy drag equipment) or site preparation is classified in this industry when performed separately from other logging activities.	
The laying of swamp mats (which are usually large rubber mats manufactured from recycled tires), is used for crossing streams, wetlands, mud, sand, pasture, snow, muskeg, peat and any other unstable surfaces which cannot support heavy equipment or loaded truck and trailers passing over them without some type of reinforcement. The placing of these swamp mats typically require the use of a forklift, crane or backhoe which place the mats abutting each other until the unstable surface is covered enough to allow the piece of equipment to get to the other side.	

Alberta Small Employer OHS Legislated Requirements

Industry Code: 40604
Mobile Equipment Operation

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 accidents

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 8 9	Hazard assessment Worker participation Hazard elimination and control
--	-------------	---

Part 3 Section

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

Part 6 Section

Cranes, Hoists and Lifting Equipment	59 60 61 62 63 64 65 66 67 68 68.1 69	Application Not commercially manufactured Identification of components Rated load capacity Load charts Operator requirements Log books Preventing an unsafe lift Preventing collisions Load weight Lift calculation Loads over work areas
---	--	--

Alberta Small Employer OHS Legislated Requirements

Industry Code: 40604
Mobile Equipment Operation

70	Tag and hoisting lines
71	Hand signals
72	Controls
73	Repairs and modifications
74	Containers for hoisting
75.1	Suspended personnel baskets
88	Safety codes for mobile cranes
88.1	Personnel baskets
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 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
	191	Signallers
	194	Vehicle traffic control

Part 13	Section	
Joint Work Site Health And Safety Committees And Health and Safety Representatives	200	Duties of employers, contractors and prime contractors

**Alberta Small Employer
OHS Legislated Requirements**

**Industry Code: 40604
Mobile Equipment Operation**

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 16	Section	
Noise Exposure	218	Worker exposure to noise
	222	Hearing protection
	Refer to schedule 3	

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

Alberta Small Employer OHS Legislated Requirements

Industry Code: 40604
Mobile Equipment Operation

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
	267	Warning signal
	268	Bulkheads
	269	Guards and screens
	270	Rollover protective structures
	271	Equipment with rollover protection
	272	Falling objects protective structures
	273	Recertification after modification
	274	Fuel tank in cab
	275	Worker transportation
	276	Riding on loads
277	Hazardous loads	
278	Tank trucks	
279	Refuelling	

Part 22	Section	
Safeguards	310	Safeguards
	311	Tampering with safeguards
	312	No safeguards

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

Alberta Small Employer OHS Legislated Requirements

Industry Code: 40604
Mobile Equipment Operation

Part 28	Section	
Working Alone	393	Application
	394	Precautions required (communication)

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

Part 32	Section	
Excavating and Tunnelling	441	Disturbing the ground
	442	Classification of soil type
	443	Soil stabilization
	444	Marking and excavation
	445	Water hazard
	446	Worker access
	447	Locating buried or concrete-embedded facilities
	448	Exposing buried facilities
	450	Methods of protection
	451	Cutting back walls
	452	Loose material
	453	Spoil piles
	454	Power pole support
	455	Safe entry and exit
	459	Access for powered mobile equipment
	460	Dumping block