

Alberta Small Employer OHS Legislated Requirements

Industry Code: 34800
Transit Mix Operations

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 describes batch plant mixing activity and the transportation and delivery of concrete by truck.

Task description	Type of equipment used and workers employed
<p>Operating a concrete batch plant, and transit mixers (concrete trucks).</p> <p>A batch plant or mixing plant features hoppers in which cement aggregate (crushed rock/sand) and binding materials are individually placed. Dependent on the specification or type of concrete desired.</p>	<p>The plant is a mechanized operation of hoppers, conveyors, pumps, pipes, and vessels.</p> <p>Power mobile equipment include a front end loader and transit mixers.</p> <p>Employees include equipment operators, plant operators, drivers, laborers, sales/estimators, office and 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 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	1	Definitions
General Application	2.2	Designated person to prepare plan

Alberta Small Employer OHS Legislated Requirements

Industry Code: 34800
Transit Mix Operations

Part 2		Section
Hazard Assessment, Elimination and Control	7	Hazard assessment
	8	Worker participation
	9	Hazard elimination and control

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 4		Section
Chemical Hazards, Biological Hazards and Harmful Substances	16	Worker exposure to harmful substance
	21	Potential worker exposure
	22	Worker overexposure
	24	Emergency baths, showers, eye wash equipment
	27	Storage of harmful substance
		Refer to schedule 1

Part 5		Section
Confined Spaces	45	Hazard assessment
	46	Training
	48	Safety and protection - generally
	50	Unauthorized entry
	51	Traffic hazards
	55	Emergency response
	56	Tending worker
	57	Entry and exit

Part 7		Section
Emergency	115	Emergency response plan
Preparedness and Response	116	Contents of plan
	117	Rescue and evacuation workers
	118	Equipment

Part 8		Section
Entrances, Walkways, Stairways and Ladders	119	Safe entry and exit
	120	Doors
	121	Walkways, runways and ramps
	122	Stairways
	123	Handrails on stairways

Alberta Small Employer OHS Legislated Requirements

Industry Code: 34800
Transit Mix Operations

Part 9	Section	
Fall Protection	139	General protection
	140	Fall protection plan
	141	Instruction of workers
	142	Full body harness
	143	Connectors, carabiners and snap hooks
	144	Fall arrestors
	150	Equipment compatibility
	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	

Part 12	Section	
General Safety	185	Housekeeping
Precautions	186	Lighting
	189	Securing equipment and materials
	192	Stabilizing masonry walls
	194	Vehicle traffic control

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
Refer to Schedule 4		

Alberta Small Employer OHS Legislated Requirements

Industry Code: 34800
Transit Mix Operations

Part 18		Section
Personal Protective Equipment	228	Duty to use personal protective equipment
	229	Eye protection (compliance with standards)
	233	Footwear
	242	Limb and body protection
	243	Skin protection
	244	Respiratory dangers
	245	Code of practice

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
	274	Fuel tank in cab
	279	Refuelling
	290.1	Licensing and mechanical inspection (personal vehicle for work purposes)
290.2	Safety requirements (concrete pump trucks)	

Part 22		Section
Safeguards	310	Safeguards
	315	Guardrails
	318	Protection from falling objects

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.
	365	Starting machinery
	367	Operator responsibilities

**Alberta Small Employer
OHS Legislated Requirements**

**Industry Code: 34800
Transit Mix Operations**

Part 27		Section
Violence and	389	Hazard assessment
Harassment	390	Violence prevention plan
	390.4	Harassment prevention plan
	391	Training of workers
	391.1	Investigation and reporting of incidents

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

Part 29		Section
Workplace Hazardous	397	Training
Materials Information System (WHMIS)	398	Label required
	400	Decanted products
	404	Safety Data Sheet - Supplier
	406	Information current (SDS)
	407	Availability of Safety Data Sheet