



Glossary of Terms

The following glossary is a list of terms commonly used in the trade in Alberta and elsewhere in Canada. Individuals preparing for examinations should be familiar with these terms and how they are used in the context of the trade.

A-Frame derrick	Dogs	Load handling device
Air system	Drag-line work	Load indicating device
American Institute of Steel Construction (AISC)	Drum	Load moment indicator
American National Standards Institute (ANSI)	Dynamic load	Load pendulum action
American Society of Mechanical Engineers (ANSI)	Extend the boom	Load ratings
Anchor bolts	Foot block supports	Lock-out
Angle indicator	Footing design	LT
Anti-two block device	Footing supplement	Luffing jib tower cranes
Articulated jib tower cranes	Fleet angle	Luffing mechanism
Bearing capacities	Flying strut	Mast anchorage
Blocks	Gallows frame	Misalignment
Blocking pads	Gin pole	Magnet work
Boom	Gross capacity	Master clutch
Boom clearance	Ground bearing capacity	Multi-crane lifts
Boom configuration	Guy	Net capacity
Boom hoist mechanism	Hammerhead jib tower crane	Net load
Cable cutter	Hardware	Operate
Cantilevered telescopic boom cranes	Hoist drum	Operating sectors
Car body	Hoist line	Outrigger
Carrier	Hoisting	Overhead electric traveling crane (OET)
Cathead	Hoisting engine	Parts of the line
Chassis	Hoisting mechanism	Parts of line
Chicago boom	Hook block	Pedestal crane
Clamshell work	Hydraulic system	Pile-driving
Climbing tower crane	Indicating devices	Portal crane
Controls	International Organization for Standardization (ISO)	Radius
Counterweight	Jib	Range diagram
Crawler crane	Jib clearance	Ratings
Cribbing	Lang lay	Reeving
Damping	Lashing	Rig
Dead end section	Lattice boom cranes	Rigger
Dead load	Levelling	Rock bearing capacity
Deflection	Lifted loads	Rotational motion
Demolition work	Linear motion	Rough terrain cranes (RT)
	Load distribution	Saddle jib
		Seizing tool
		Shaft hoist
		Sheaves

Sheave friction
Shoring
Signal
Signaller
Skewness
Sling
Society of Automotive
Engineers (SAE)
Soil bearing capacity
Soil pressure
Spooling
Stability
Static base tower crane
Static load
Steam cleaner
Stiff leg derrick
Swing
Swing clearance
Telescopic boom
Telescopic boom crane
Tipping axis
Tipping fulcrum
Topping mechanism
Torsion
Torsion reducers
Tracks
Trailing axle
Travel
Upper works
Velocity pressure
Weather vane
Winch
Wind load
Wind velocity
Winding drum
Wire rope