

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.

AC and DC	Blanking plates	Code specifications
Acceptable	Blast furnace	Cold saws
AC-DC rectifier	Bolt cutters	Combination wrench
Acetone	Bolt grading	Come along
Acetylene	Boom truck	Compression strength
Adjustable wrench	Bowline	Conductivity
Air grinders	Box end wrench	Cones
Air hoists	Braking	Confined space
Air movers	Brinnell hardness	Connecting bar
AISI	Brittleness	Contour
Alternating current	Buckstays	Contract
Aluminum	Buff surfaces	Contract numbers
Amperage	Bull pins	Contraction
Angle iron	Burns	Conventional
Apprenticeship	Burrs	Corrosion resistance
Arc blow	Cable lugs	Counterweight
Arc voltage	Cable sizing	Couplings
Artificial respiration	Camber	Crawler
ASME	Carbon	Crown knot
Assess	Carbon monoxide	CSA G40.20/21M Standard
ASTM	Carbon steel	Cut off
Attendant drives wrench	Cast iron	Cutting
Austenite	Cast steel	Cutting plane line
Auxiliary views	Catalysts	Cylinder valves
Back splice	Catwalks	Davits
Backfires	Cementite	Decaying organic matter
Backflow	Centre punch	Demisters
Backing strip	Chain	Denominator
Baffles	Chainfalls	Density
Balancing	Chalk line	Destructive testing
Band saws	Channel	Deviation
Bar gratings	Chisels	Dies
Barrel	Chromium-nickel	Direct current
Basic oxygen furnaces	Circle cutting	Distillation towers
Bend test	Circumference	Dividers
Bevel cutting	Clad steel	Dogs
Bisect	Clamps	Domes
Bit geometry	Clean torch-cut edges	Double stage
Blanking	Clove hitch	Double-deck floater

Draw off elbow	Gray cast iron	Manganese
Draw off sump	Grinder wheels	Manifold
Drilling	Groove	Map
Drilling machines	Ground clamps	Martensite
Drum capacity	Ground fault interrupters	Mat
Ductility	GTAW	Material Safety Data Sheet (M.S.D.S.)
Ductwork	Gusset plates	Measuring tools
Dust filters	Hacksaws	Melting point
Duty cycle	Half hitch	Methylene
Dye penetrate	Hammers	Micrometer
E6010	Hand drills	Mobile cranes
E7018	Hand holes	Natural gas
Elastic limit	Hard top floater	Needle beams
Elasticity	Harmful rays	Nickel
Elbows	Head protection	Nominal dimensions
Electric furnaces	Heads	Non-ferrous
Electric grinders	Hearing protection	Nozzles
Electrodes	Heat exchangers	Nuclear generating stations
Elements	Hemispherical	Obtuse
Elevation	High capacity cranes	Open circuit voltage
Elongation	High carbon steel	Open end wrench
Entry permit	High-tensile	Open hearth furnaces
Erection	Hole piercing	Oxidization
Expanded mesh	Hooks clips	Oxy fuel cutting
Expansion	Horizontal positions	Oxy-fuel tips
Explosion proof lighting	Hoses	Oxygen deficiency
External threads	Hydraulic	Paper coveralls
Eyewash stations	Hydro generating stations	Parallelograms
Ferrite	Hydrogen sulphide	Pearlite
Ferrous	Hydrostatic	Pedestal grinders
Ferrules	Ignite	Peening
Fibreglass	Ultrasonic	Permit
Files	Impact strength	Phosphorus
Fire extinguishers	Impact test	Physical properties
Fire prevention	Impacts	Pig iron
Firetube boilers	Induction furnaces	Pinch bar
Fittings	Inert gases	Pins
Flame propagation	Inscribe	Pipe fittings
Flammable material	Intercom	Pipe wrench
Flanges	Internal threads	Pliers
Flashback arrestors	Inverter	Plumb bob
Flashbacks	Invoices	Pneumatic tools
Flat bar	Iron	Polygons
Flowmeter	Isometric projection	Pontoon floater
Foreman	Killed steel	Power brake
Fractions	Lattice boom crane	Power hack saws
Fragile units	Levelling	Precipitators
Freehand sketching	Line up bars	Prick punch
Fuel gas cylinders	Load limits	Prisms
Generator	Longitudinal seams	Projection
Geometrical	Low carbon steel	Promoters
Geometry	Malleability	Propane
GMAW	Man ways	Protective screens
Goggles	Mandrels	

Punches	Sequencing	Templates
Punching	Set screw (Allen)	Tensile strength
Purchase orders	Shackles	Tensile test
Pyramids	Shearing	Thermal spray
Quenching	Sheet bend	Threading equipment
Quick connectors	Shell to shell	Timber hitch
Radial cutting	Short splice	Tip
Radiation hazards	Shutting down procedure	Tirfor
Radio (2 way)	Signals	Title block
Radiographic	Silicon	Torsion strength
Rays	Single stage	Toughness
Reamers	Slag	Toxic
Reaming equipment	Sling configurations	Trammel points
Reducer	Slings	Transit
Reef (square) knot	Sludge	Transition
Reeving	SMAW	Trays
Regulators	Sockets	Triangulate
Reinforcement	Spheres	Triple sliding hitch
Remit	Spirit level	Tube
Remove tacks/scabs	Splices	Tube expanders
Repads	Spooling	Tube sheet
Residual stresses	Spud wrench	Twist drills
Resins	Square roots	Types of flames
Resistance	Squares	Vacuum
Respiratory failure	Stays	Vacuum furnaces
Respiratory protection	Steam-dome	Valves
Reverse	Stiffener	Ventilation
Revisions	Storage tanks	Vises
Rimmed steel	Straight polarity	Voltage
Rolling	Strain	Vortex breakers
Rolling hitch	Stress	W.C.B
Rough terrain crane	Striker	W.H.M.I.S
Round bar	Stringer beads	Walkie talkie
Rubber gloves	Structural offset wrench	Walkways
Running bowline	Structural shapes	Water level
Safety harness	Structural stresses	Wax paper
Safety showers	Stud tightening	Weir
Scale	Studs	Weld ability
Screw drivers	Sulphur	Welding helmet
Scribers	Super heater	Welding symbols
Section	Supervisory	White cast iron
Section line	Sweep	Wide flange
Sectional view	Swingstage	Wire brush
Segments	Tack welds	Wire rope clips
Self-centering bowline	Tag lines	Woven roving
Self-propelled work	Tangential nozzle	Yield point
Platforms	Tapered	Yield strength
Semi-killed steel	Tees	