

## 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.

Absolute pressure	Ampere	Capacity
Absolute zero	Anemometer	Capillary tube
Absorbent	Angle valve	Cascade system
Absorption system	Anode	Cathode
Accumulator	Atmospheric pressure	Caulking gun
Activated alumina	Atomize	Cavitation
Acid test kit	Automatic control	Centrifugal compressor
ACR tubing	Automatic expansion valve	Chain fall
Adiabatic process	Back pressure	Chalk line
Adsorbent	Baffle	Change of state
Air compressor	Ball check valve	Charge
Air flow meter	Barometer	Charging manifold, cylinder, pump
Air heat exchanger	Base	Check valve
Air conditioner	Battery	Chill factor
Air conditioning	Bearing	Chimney
Air cooled condenser	Bellows	Chimney effect
Air gap	Bellows seal	Chisel
Air handler	Bending jig	Chlorofluorocarbon (CFC)
Air sensor	Bending tools and springs	Circuit
Air vent	Bimetal strip	Circuit breaker
Algae	Black light	Circulating pump
Alignment tool	Bleeding	Clearance
Allen head	Bleed valve	Clearance volume
Alternating current	Block and tackle	Closed circuit
Ambient air	Boiler	Closed loop
Ambient temperature	Bolt cutter	Code
American standard pipe thread	Booster	Co-efficient of performance (COP)
American National Standards Institute (ANSI)	Bore	CO <sub>2</sub> indicator
American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)	Bourdon tube	Cold anticipator
American Society of Mechanical Engineers (ASME)	Brazing equipment	Cold junction
Ammeter	Brine	Cold wall
Amperage	Brine cooler	Collector
	Bulb sensor	Come along
	Burner	Compound pump
	Butane gas	Condensate
	Butane torch	Condenser
	Calibration equipment	Convection
	Capacitance	
	Capacitor	

Crimper	Forced convection	Intercooling
Critical point	Freon	Joule
Crowbar	Frost back	Junction box
Desiccant	Fusible link	Kelvin
Diac	Fusible plug	Kilopascal
Dial indicator	Gauge manifold	Kilowatt
Diaphragm	Gauge port	Kilowatt-hour
Differential	Gate	King valve
Diffuser	Germanium	Latent heat
Diode	Graduated cylinder	Leak detector
Discus compressor	Grease gun	Limit control
Discus valve	Grommet	Line set
Distributor	Ground detectors	Litmus paper
Doping	Halide refrigerants	Liquid receiver
Double flare	Halide torch	Low side
Dowel pin	Halogen	LP fuel
Draft gauge	Hazardous waste container	Magnetic field
Dry bulb temperature	Head pressure	Manometer
Dye penetrant kit	Head pressure control	Megger
Eccentric	Header	Megohm
Eddy current tester	Heat anticipator	Microfarad
Effective temperature	Heat exchanger	Micrometer
Electronic balancing tool	Heat of compression	Micron gauge
Electronic charging scale	Heat of fusion	Milliamp meter
Electronic flue gas tester	Heat pump	Modulator
Electronic leak detector	Heat sink	Monochlorodifluoromethane
Emitter	Heat, sensible	Mullion
Enthalpy	Heat, specific	Mullion heater
Entropy	Hermetically sealed unit	Multimeter
Equalizer	Hertz	Needlepoint valve
Ethane gas	High-pressure cut out	Neoprene
Evacuation	High side	Neutralizer
Evaporation	High vacuum pump	Nitrogen cylinder and regulator
Evaporator fan	Hot-gas bypass	Nut driver
Evaporator types	Hot-gas defrost	Off cycle
Exhaust valve	Hot junction	Ohm
Expansion joint	Hot wire	Ohmmeter
External drive	Humidifier	Oil still
External equalizer	Humidistat	O-ring removal tool
Farad	Hydrofluorocarbon (HFC)	Open compressor
Filter paper	Hydrometer	Operating pressure
Fin combs	Hydronic	Organic
Fire blanket	Hygrometer	Orifice
Fire extinguisher	Idler	Overload protection
Flame cell tester	Ignition transformer	Oxy-acetylene torch kit
Flapper valve	Impedance	Ozone
Flare	Impeller	Package unit
Flare nut	Induced magnetism	Packing
Flaring tool	Induction motor	Parallel circuit
Flash gas	Inductive reactance	Permanent magnet
Flooded system	Infiltration	pH testing unit
Flow meter	Infrared thermography camera	Phase meter
Flue	Insulation tape	Piercing clamps
Flux		

Pipe cutters	Remote system	Specific heat
Pipe dies	Resistance	Specific volume
Pipe threaders	Resistor	Splash lubrication system
Piston	Respirator	Split phase motor
Piston displacement	Restrictor	Split system
Pitot tube	Reverse cycle	Spectrometer
Plenum	Rotary compressor	Squirrel cage fan
Pliers	Rotor	Standard atmosphere
Pneumatic calibration kit	Router	Starting relay
Polyphase	Running time	Starting winding
Porcelain	Run winding	Stator
Potentiometer	Saddle valve	Steam
Pressure drop	Safety control	Stethoscope
Pressure limiter	Safety plug	Strainer
Pressure regulator	Sail switch	Stratification
Pressure switch	Saturation	Strobe light
Primary control	Scaffolding	Subcooling
Propane	Scavenger pump	Sublimation
Proton	Schrader remover	Suction line
Psi	Schrader valve	Suction service valve
Psia	Scotch yoke	Superheat
Psig	Screw compressor	Swaging tool
Psychrometer	Scroll compressor	Tachometer
Psychrometric chart	Sealed unit	Tank
Pump	Seat	Tap
Pump down	Semi-conductor	Test light
Pry bar	Semi-hermetic compressor	Therm
Puller	Sensor	Thermal conductance
Punch	Sequencer	Thermistor
Purge	Series circuit	Thermocouple
Purging unit	Serviceable hermetic	Thermocouple tester
Quench	Shaded-pole motor	Thermopile
Quick-connect coupling	Shell and coil	Thermostat
R-12	Shell and tube	Thermostatic expansion valve
R-22	Short circuit	Three-phase power
R-123	Short cycle	Throttling
R-134a	Shroud	Timers
R-502	Sight glass	Tin snips
Radiant heat	Silica gel	Ton of refrigeration
Radiation	Silicon	Torque
Rankine	Silicon controlled rectifier (SCR)	Torque wrench
Reactance	Silver brazing	Total heat
Reamer	Simulator	Transformer
Receiver-drier	Sine wave	Transistor
Reciprocating compressor	Single phase	Triac
Recovery/recycle unit	Sling Psychrometer	Tube bender
Rectifier	Slugging	Tube cutter
Reed valve	Smoke test	Tube reamer
Refractometer	Solar heat	Tube within a tube coil
Refrigerant	Solder	Tubing
Register	Soldering	Turbo torch kit
Relative humidity	Solenoid	Two-temperature valve
Relay	Specific gravity	Ultraviolet
Relief valve		Urethane foam

Vacuum  
Vacuum pump  
Valve  
Valve plate  
Vapour  
Vapour barrier  
Vapour lock  
Vapourization  
Variable pitch pulley  
V-belt  
Velocity meter  
Velometer  
Vice grip  
Voltage  
Voltmeter  
Volt-ohm-milliammeter (VOM)  
Volumetric efficiency  
Walk-in cooler  
Water-cooled condenser  
Watt  
Watt-hour  
Wattmeter  
Wet-bulb temperature  
Wet heat  
Window unit  
Wire bender  
Wire threader