

Figure 1.7-1—P&ID Symbol Legend

VESSELS	FILTERS/SILENCERS	MISCELLANEOUS	SENSORS	MOTORS/ACTUATORS	LINE TYPE
REACTOR VESSEL	FILTER	RUPTURE DISK DEVICE	PRESSURE	ELECTRIC MOTOR	STEAM LINE
STEAM GENERATOR	SILENCER/MUFFLER	DRAIN TRAP	TEMPERATURE	TURBINE	FLOW LINE
PRESSURIZER	IODINE FILTER	NOZZLE	LEVEL	MANUAL	SLUDGE WATER
	SEPARATOR	PUSH BUTTON	RADIATION	DIAPHRAM	ADJACENT SYSTEM
	GAS/AIR FILTER	STIRRER	FLOW ELEMENT	PISTON	BUILDING
<u>COMPRESSORS</u>	DEMINERALIZER	CONTAINMENT PENETRATION	MOISTURE	SOLENOID	OIL PIPE
FAN, BLOWER TYPE	LIQUID FILTER	PROTECTIVE GRATING	BORON	ACTUATOR (GENERIC)	AIR PIPE
COMPRESSOR/VACUUM PUMP	LIQUID FILTER	DESIGN AREA BREAKS	DIFFERENTIAL PRESSURE	<u>VALVES</u>	GASES
<u>PUMPS</u>	MIXING PIPE	DISC-TYPE CENTRIFUGE	POSITION	BUTTERFLY	CONCRETE
PUMP	MOISTURE SEPARATOR PRE AIR FILTER	SCREW-TYPE CENTRIFUGE	VELOCITY/VIBRATION	GENERIC	<u>HVAC</u>
<u>EXCHANGERS</u>	<u>PIPE FITTING/FLOW ELEMENTS</u>	LIQUID TO LIQUID EVAPORATOR	TOXIC GAS	GLOBE	AIR SHUT-OFF DAMPER
HEAT EXCHANGER	FLOW RESTRICTOR	EVAPORATOR COLUMN	HYDROGEN	3-PORT	LOUVER DAMPER
HEAT EXCHANGER	REDUCER	<u>TANKS</u>	OXYGEN	PRESSURE-REDUCING	FIRE DAMPER
HEAT EXCHANGER COIL	FLEXIBLE HOSE	TANK	SMOKE	PRESSURE REDUCING CONTROL	GAS-TIGHT DAMPER
TURBINE SURFACE CONDENSER	CAP	POOL/BASIN	CONDUCTIVITY	ANGLE GLOBE	BACKDRAFT DAMPER
U-TUBE HEAT EXCHANGER	FUNNEL	SUMP		CHECK	AIR INLET
HUMIDIFIER	DRAIN PAN			MINIMUM FLOW	AIR OUTLET
AIR HEAT EXCHANGER	SPRAY NOZZLE			SAFETY RELIEF ANGLE GLOBE	<u>FIRE PROTECTION</u>
AIR HEAT EXCHANGER WITH ELECTRICAL PREHEATER	EXPANSION JOINT			SAFETY RELIEF ANGLE GLOBE ACTUATED BY MEDIUM IN LINE	OUTDOOR HYDRANT
AIR HEAT EXCHANGER FOR HVAC	HALF COUPLING			HVAC CONTAINMENT ISOLATION VALVE	FIREHOSE VALVE
	SCREWED PLUG			VACUUM BREAKER	POST INDICATOR VALVE
	HEAT TRACE				
	NOZZLE WITH ORIFICE				
	FLANGE				

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