

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
COMPRESSORS	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		GASES
	MIXING PIPE	DISC-TYPE CENTRIFUGE	POSITION	VALVES	CONCRETE
PUMPS	PIPE FITTING/FLOW ELEMENTS	SCREW-TYPE CENTRIFUGE	VELOCITY/VIBRATION	BUTTERFLY	HVAC
PUMP	FLOW RESTRICTOR	LIQUID TO LIQUID EVAPORATOR	TOXIC GAS	GENERIC	AIR SHUT-OFF DAMPER
	REDUCER	EVAPORATOR COLUMN	HYDROGEN	GLOBE	LOUVER DAMPER
EXCHANGERS	FLEXIBLE HOSE		OXYGEN	3-PORT	FIRE DAMPER
HEAT EXCHANGER	CAP	TANKS	SMOKE	PRESSURE-REDUCING	GAS-TIGHT DAMPER
HEAT EXCHANGER	FUNNEL	TANK	CONDUCTIVITY	PRESSURE REDUCING CONTROL	BACKDRAFT DAMPER
HEAT EXCHANGER COIL	DRAIN PAN	POOL/BASIN		ANGLE GLOBE	AIR INLET
TURBINE SURFACE CONDENSER	SPRAY NOZZLE			CHECK	AIR OUTLET
U-TUBE HEAT EXCHANGER	EPANSION JOINT	SUMP		ANGLE LIFT CHECK	FIRE PROTECTION
HUMIDIFIER	HALF COUPLING			MINIMUM FLOW	OUTDOOR HYDRANT
AIR HEAT EXCHANGER	SCREWED PLUG			SAFETY RELIEF ANGLE GLOBE	FIREHOSE VALVE
AIR HEAT EXCHANGER WITH ELECTRICAL PREHEATER	HEAT TRACE			SAFETY RELIEF ANGLE GLOBE ACTUATED BY MEDIUM IN LINE	POST INDICATOR VALVE
AIR HEAT EXCHANGER FOR HVAC	NOZZLE WITH ORIFICE			HVAC CONTAINMENT ISOLATION VALVE	
	FLANGE			VACUUM BREAKER	