

Figure 1.7-1—P&ID Symbol Legend

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