

# PLUMBING SYMBOLS

## APPENDIX J

FILE NO.	SYMBOL	DESCRIPTION	FILE NO.	SYMBOL	DESCRIPTION	FILE NO.	SYMBOL	DESCRIPTION														
PL001		*FD - FLOOR DRAIN *FS - FLOOR SINK *RD - ROOF DRAIN	PL027		BACKFLOW PREVENTER	PL064 TO PL099		NOT USED														
PL002		BALL VALVE	PL028		FLOOR CLEANOUT	PL100	<table border="1"> <thead> <tr> <th colspan="5">PLUMBING EQUIPMENT LIST</th> </tr> <tr> <th>ITEM NO.</th> <th>LOCATION</th> <th>DATE</th> <th>DESCRIPTION</th> <th>MAINTENANCE BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PLUMBING EQUIPMENT LIST					ITEM NO.	LOCATION	DATE	DESCRIPTION	MAINTENANCE BY	1				
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PL003		BUTTERFLY VALVE	PL029		DOUBLE CLEAN OUT																	
PL004		CHECK VALVE	PL030		WALL CLEAN OUT																	
PL005		CONTROL VALVE (TWO WAY)	PL031		END OF PIPE CLEAN OUT																	
PL006		CONTROL VALVE (3-WAY)	PL032		EXPANSION JOINT																	
PL007		DIAPHRAM VALVE	PL033		EXPANSION LOOP																	
PL008		GATE VALVE	PL034		FLEXIBLE PIPE CONNECTION																	
PL009		GATE VALVE (ANGLE)	PL035		PIPE ANCHOR																	
PL010		GATE VALVE (OS & Y)	PL036		PRESSURE GAUGE WITH VALVE																	
PL011		GLOBE VALVE	PL037		STEAM TRAP																	
PL012		GLOBE VALVE (ANGLE)	PL038		STRAINER																	
PL013		HOSE BIBB W/VAC BREAKER	PL039		STRAINER W/BLOW-OFF VALVE																	
PL014		NEEDLE VALVE	PL040		THERMOMETER																	
PL015		PLUG VALVE COCK	PL041		TEST PLUG (PRESS/TEMP)																	
PL016		PRESSURE REDUCING VALVE	PL042		TEMP GAUGE WITH VALVE																	
PL017		RELIEF OR SAFETY VALVE	PL043		METER																	
PL018		SOLENOID VALVE	PL044		CARBON DIOXIDE SUPPRESSION SYSTEM																	
PL019		EP - ELECTRIC-PNEUMATIC SWITCH PE - PNEUMATIC-ELECTRIC SWITCH SP - DUCT STATIC PRESSURE SENSOR FS - FLOW SWITCH FT - WATER FLOW SENSOR/TRANSMITTER TT - TEMPERATURE SENSOR/TRANSMITTER PS - PRESSURE SWITCH PT - PRESSURE SENSOR/TRANSMITTER TS - TAMPER SWITCH	PL045		CAP ON END OF PIPE																	
PL020		OTHER TYPE OF SWITCH MORE THAN TWO LETTERS	PL046		FLEXIBLE MECHANICAL COUPLING																	
PL021		OTHER TYPE SWITCH (MORE THAN TWO LETTERS WITH NUMERICAL TAG)	PL047		RIGID MECHANICAL COUPLING																	
PL022		T - THERMOSTAT H - HUMIDISTAT HS - HUMIDITY SENSOR PS - PRESSURE SENSOR TS - TEMPERATURE SENSOR	PL048		ELBOW - TURNED UP																	
PL023		OTHER TYPE SENSOR (MORE THAN TWO LETTERS)	PL049		ELBOW - TURNED DOWN																	
PL024		OTHER TYPE SENSOR (MORE THAN TWO LETTERS WITH NUMERICAL TAG)	PL050		FLANGE CONNECTION																	
PL025		AUTOMATIC AIR VENT	PL051		REDUCER - CONCENTRIC																	
PL026		MANUAL AIR VENT	PL052		REDUCER - ECCENTRIC - BOTTOM OF PIPE LEVEL																	
			PL053		REDUCER - ECCENTRIC - TOP OF PIPE LEVEL																	
			PL054		TEE - OUTLET UP																	
			PL055		TEE - OUTLET DOWN																	
			PL056		UNION																	
			PL057		FLANGED UNION																	
			PL058		NOT USED																	
			PL059		DIRECTION OF FLOW																	
			PL060		PITCH PIPING DOWN																	
			PL061		PLUMBING EQUIPMENT DESIGNATION																	
			PL062		GAS PLUG																	
			PL063		BALANCING VALVE																	
					<p>PIPING SYSTEM ACRONYMS</p> <p>—XX—</p> <p>AC ACETYLENE AR ARGON GAS BA BREATHING AIR CA COMPRESSED AIR CONH CONDENSATE HI CONL CONDENSATE LO CONP CONDENSATE PUMPED CS CHEMICAL SUPPLY CWR CHILLED WATER RETURN CWS CHILLED WATER SUPPLY DIWR DEIONIZED WATER RETURN DIWS DEIONIZED WATER SUPPLY DIWD DEIONIZED WATER DRAIN FOR FUEL OIL RETURN FOS FUEL OIL SUPPLY FOV FUEL OIL VENT H2 HYDROGEN GAS HE HELIUM GAS HWR HEATING WATER RETURN HWS HEATING WATER SUPPLY LN LIQUID NITROGEN N2 NITROGEN NGM NATURAL GAS-MEDIUM NGL NATURAL GAS-LOW NPWC NON-POTABLE WATER COLD NDN-N POTABLE WATER HOT NPWH NON-POTABLE WATER HOT RECIRCULATION NPMU NON-POTABLE WATER MAKE-UP O2 OXYGEN PCW PROCESS COOLING WATER PLWH PROCESS LIQUID WASTE HAZARDOUS PLWHN PROCESS LIQUID WASTE NON-HAZARDOUS PWC POTABLE WATER COLD PWH POTABLE WATER HOT PWHR POTABLE WATER HOT RECIRCULATION RLW RADIOACTIVE LIQUID WASTE RLWN RADIOACTIVE LIQUID WASTE VENT SPD SUMP PUMP DISCHARGE SS SANITARY SEWER SW SANITARY WASTE SWV SANITARY WASTE VENT SWTE SANITARY WASTE WATER TREATED EFFLUENT STMHP STEAM HI PRESSURE STMLP STEAM LOW PRESSURE STS STORM SEWER STW STORM WATER TWS TOWER WATER (SUPPLY) TWR TOWER WATER (RETURN) VAC VACUUM VACPD VACUUM PUMP DISCHARGE VTR VENT THROUGH ROOF</p>																	