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BOILER - DEVICE SCHEDULE

MA Nomenclature	Socket No.1 Device Label	Socket No.2 Device Label	Printer No.2 Device Label	Device Type	System	Function	Mounting / Location	Line Size	Range / Setpoint	Float Type	Signal	Signal To/From	Annunciation Location	Annunciation Type	Remarks	Model
-	BSB - 3 1 0 1	BSB - 3 2 0 1	BSB - 3 3 0 1	Shunt Switch	Boiler Feedwater	Manual Reset	Float Type Water Column	--	Open / Closed	DI	120 V	BMS / DDC	BMS	Global	Manufacturer Furnished / Contractor Installed	
-	BSB - 3 1 0 2	BSB - 3 2 0 2	BSB - 3 3 0 2	Shunt Switch	Boiler Feedwater	Manual Re-Set (Auxiliary)	Conductivity Probe Type Water Column	--	Open / Closed	DI	120 V	BMS / DDC	BMS	Status	Manufacturer Furnished / Contractor Installed	
-	BSC - 3 1 0 3	BSC - 3 2 0 3	BSC - 3 3 0 3	Shunt Switch	Boiler Feedwater	Safety By-Pass	Float Type Water Column	--	Open / Closed	DI	120 V	BMS / DDC	BMS	Status	Manufacturer Furnished / Contractor Installed	
-	BSC - 3 1 0 4	BSC - 3 2 0 4	BSC - 3 3 0 4	Shunt Switch	Boiler Feedwater	Safety By-Pass (Auxiliary)	Conductivity Probe Type Water Column	--	Open / Closed	DI	120 V	BMS / DDC	BMS	Shutdown-Override	Manufacturer Furnished / Contractor Installed	Manual Reset
-	BSC - 3 1 0 5	BSC - 3 2 0 5	BSC - 3 3 0 5	Shunt Switch	Boiler Feedwater	Safety By-Pass (Auxiliary)	Conductivity Probe Type Water Column	--	Open / Closed	DI	120 V	BMS / DDC	BMS	Shutdown-Override	Manufacturer Furnished / Contractor Installed	Manual Reset
-	LSH - 3 1 0 6	LSH - 3 2 0 6	LSH - 3 3 0 6	Level Switch	Boiler Feedwater	High Level	Float Type Water Column	--	6 - 3500 PSIG	AI	4 - 20 mA DC	DDC	DDC	Status - Pressure	Manufacturer Furnished / Contractor Installed	
-	FE - 3 1 0 7	FE - 3 2 0 7	FE - 3 3 0 7	Flow Element, Vortex	Boiler Feedwater	Flow	Supply to Boiler	3"	2,500 - 20,000 PPH	AI	4 - 20 mA DC	BMS	BMS	Status - Flow	Manufacturer Furnished / Contractor Installed	Provide w/ FT - 3 1 0 8
-	FT - 3 1 0 8	FT - 3 2 0 8	FT - 3 3 0 8	Flow Transmitter	Boiler Feedwater	Flow	Supply to Boiler	3"	0 - 22,500 PPH	AI	4 - 20 mA DC	DDC	DDC	--	Manufacturer Furnished / Contractor Installed	
-	LSH - 3 1 0 9	LSH - 3 2 0 9	LSH - 3 3 0 9	Level Switch	Boiler Feedwater	High Level	Conductivity Probe Type Water Column	--	Field Set	DI	120 V	BMS / DDC	BMS	High Level Alarm	Manufacturer Furnished / Contractor Installed	
LWKAS	LSL - 3 1 1 0	LSL - 3 2 1 0	LSL - 3 3 1 0	Level Switch	Boiler Feedwater	Low Level	Conductivity Probe Type Water Column	--	Field Set	DI	120 V	BMS / DDC	BMS	Low Level Alarm	Manufacturer Furnished / Contractor Installed	
LTECO	LSLL - 3 1 1 1	LSLL - 3 2 1 1	LSLL - 3 3 1 1	Low Switch	Boiler Feedwater	Low-Low Level	Float Type Water Column	--	1" Below LWCO	DI	120 V	BMS / DDC	BMS	Low-Low Level Cut-Off Alarm	Manufacturer Furnished / Contractor Installed	
AY-WCO1	LSLL - 3 1 1 4	LSLL - 3 2 1 4	LSLL - 3 3 1 4	Level Switch	Boiler Feedwater	Low-Low Level (Auxiliary)	Conductivity Probe Type Water Column	--	1" Below LWCO	DI	120 V	BMS / DDC	BMS	Low-Low Level Cut-Off Alarm (Auxiliary)	Manufacturer Furnished / Contractor Installed	
-	RBV - 3 1 1 0	RBV - 3 2 1 0	RBV - 3 3 1 0	Safety Valve	Boiler Feedwater	Pressure	Economizer	--	Per Manufacturer	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	200 PSIG Set Pressure
-	PT - 3 1 1 1	PT - 3 2 1 1	PT - 3 3 1 1	Pressure Transmitter	Boiler Feedwater	Pressure	Supply to Economizer	2"	0 - 250 PSIG	AI	4 - 20 mA DC	PMCP	BMS	Status - Pressure	Contractor Furnished / Contractor Installed	
-	PT - 3 1 1 2	PT - 3 2 1 2	PT - 3 3 1 2	Pressure Transmitter	Boiler Feedwater	Pressure	Supply to Boiler	2"	0 - 250 PSIG	AI	4 - 20 mA DC	PMCP	DDC	Status - Pressure	Contractor Furnished / Contractor Installed	
-	TT - 3 1 1 3	TT - 3 2 1 3	TT - 3 3 1 3	Temperature Transmitter	Boiler Feedwater	Temperature	Supply to Economizer	2"	32 - 392 F	AI	4 - 20 mA DC	DDC	DDC	Status - Temperature	Contractor Furnished / Contractor Installed	Provide w/ 3 1 1 2
-	TT - 3 1 1 4	TT - 3 2 1 4	TT - 3 3 1 4	Temperature Transmitter	Boiler Feedwater	Temperature	Supply to Boiler	2"	32 - 392 F	AI	4 - 20 mA DC	DDC	DDC	Status - Temperature	Contractor Furnished / Contractor Installed	Provide w/ 3 1 1 3
-	ZT - 3 1 1 7	ZT - 3 2 0 7	ZT - 3 3 0 7	Position Transmitter	Boiler Feedwater	Position Feedback	LCV-3x08	--	0 - 100 %	AI	4 - 20 mA DC	DDC	DDC	Position Indication %	Manufacturer Furnished / Contractor Installed	Fail Last Position
-	CC - 3 1 0 1	CC - 3 2 0 1	CC - 3 3 0 1	Conductivity Controller	Blowdown	Conductivity	Supply from Boiler to CBWS-1	--	Field Set	ASPAD	4 - 20 mA DC	--	--	--	Contractor Furnished / Contractor Installed	
-	CE - 3 1 0 1	CE - 3 2 0 1	CE - 3 3 0 1	Conductivity Element	Blowdown	Conductivity	Supply from Boiler to CBWS-1	--	--	AI	4 - 20 mA DC	QC 2461	--	--	Contractor Furnished / Contractor Installed	
-	FSV - 3 1 0 5	FSV - 3 2 0 5	FSV - 3 3 0 5	Solenoid Valve	Blowdown	Flow	Supply From Boiler to CBWS-1	1"	Open / Closed	DI	120 V	DC Outputs	--	--	Contractor Furnished / Contractor Installed	
-	BSV - 4 1 0 1	BSV - 4 2 0 1	BSV - 4 3 0 1	Safety Valve	Gas Ignitor	Flow	Supply to Burner	3/4"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
ASV-0201V	FSV - 4 1 0 2	FSV - 4 2 0 2	FSV - 4 3 0 2	Safety Valve	Gas Ignitor	Flow	Supply to Burner	3/4"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
ASV-0202V	FSV - 4 1 0 3	FSV - 4 2 0 3	FSV - 4 3 0 3	Safety Valve	Gas Ignitor	Vent	Supply to Burner	3/4"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Open
-	PRV - 4 1 0 4	PRV - 4 2 0 4	PRV - 4 3 0 4	Regulating Valve	Gas Ignitor	Pressure	Supply to Burner	3/4"	2 PSIG / 300 SCFH	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
-	PRV - 4 1 0 5	PRV - 4 2 0 5	PRV - 4 3 0 5	Regulating Valve	Liquefied Petroleum Gas	Pressure	Supply to Burner	1/2"	4 PSIG / 180 SCFH	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
-	PSH - 4 1 0 6	PSH - 4 2 0 6	PSH - 4 3 0 6	Pressure Switch	Gas Ignitor	High Pressure	Supply to Burner	3/4"	Field Set	DI	120 V	BMS	BMS	High Pressure Alarm	Manufacturer Furnished / Contractor Installed	
LPSHG25	PSL - 4 1 0 7	PSL - 4 2 0 7	PSL - 4 3 0 7	Pressure Switch	Gas Ignitor - Nat. Gas	Low Pressure	Supply to Burner	3/4"	50% of Regulated Pressure	DI	120 V	BMS	BMS	Low Pressure Alarm	Manufacturer Furnished / Contractor Installed	
LPSHG25	PSL - 4 1 0 8	PSL - 4 2 0 8	PSL - 4 3 0 8	Pressure Switch	Gas Ignitor - LPG	Low Pressure	Supply to Burner	1 1/2"	50% of Regulated Pressure	DI	120 V	BMS	BMS	Low Pressure Alarm	Manufacturer Furnished / Contractor Installed	
-	ZSC - 4 1 0 1	ZSC - 4 2 0 1	ZSC - 4 3 0 1	Position Switch	Gas Ignitor	Position Verification	FSV-4x01	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
-	ZSC - 4 1 0 2	ZSC - 4 2 0 2	ZSC - 4 3 0 2	Position Switch	Gas Ignitor	Position Verification	FSV-4x02	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 0 3	ZSO - 4 2 0 3	ZSO - 4 3 0 3	Position Switch	Gas Ignitor	Position Verification	FSV-4x03	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 0 4	ZSO - 4 2 0 4	ZSO - 4 3 0 4	Position Switch	Gas Ignitor	Position Verification	FSV-4x04	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 0 5	ZSO - 4 2 0 5	ZSO - 4 3 0 5	Position Switch	Gas Ignitor	Position Verification	FSV-4x05	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 0 6	ZSO - 4 2 0 6	ZSO - 4 3 0 6	Position Switch	Gas Ignitor	Position Verification	FSV-4x06	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	FCV - 4 1 0 9	FCV - 4 2 0 9	FCV - 4 3 0 9	Control Valve	Natural Gas	Flow	Supply to Burner	3"	0 - 20,000 SCFH	2"-4x08	--	--	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
-	FE - 4 1 0 9	FE - 4 2 0 9	FE - 4 3 0 9	Flow Element, Thermal Mass	Natural Gas	Flow, Modulating	Supply to Burner	4"	2,500 - 20,000 SCFH	AI	4 - 20 mA DC	DDC	DDC	Flow	Contractor Furnished / Contractor Installed	Provide w/ FT - 4 1 0 9
APSSUV	FSV - 4 1 1 0	FSV - 4 2 1 0	FSV - 4 3 1 0	Safety Valve	Natural Gas	Flow	Supply to Burner	3"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
APSSUV	FSV - 4 1 1 1	FSV - 4 2 1 1	FSV - 4 3 1 1	Safety Valve	Natural Gas	Flow	Supply to Burner	3"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
APSSVV	FSV - 4 1 1 2	FSV - 4 2 1 2	FSV - 4 3 1 2	Safety Valve	Natural Gas	Vent	Supply to Burner	3"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Open
-	PRV - 4 1 1 3	PRV - 4 2 1 3	PRV - 4 3 1 3	Regulating Valve	Natural Gas	Pressure	Supply to Burner	3"	0 PSIG / 35,000 SCFH	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
HPSHG25	PSH - 4 1 1 4	PSH - 4 2 1 4	PSH - 4 3 1 4	Pressure Switch	Natural Gas	High Pressure	Supply to Burner	3"	8 PSIG	DI	120 V	BMS	BMS	High Pressure Alarm	Contractor Furnished / Contractor Installed	Setpoint No Higher Than 150% of Regulated Pressure
LPSHG25	PSL - 4 1 1 5	PSL - 4 2 1 5	PSL - 4 3 1 5	Pressure Switch	Natural Gas	Low Pressure	Supply to Burner	3"	4 PSIG	DI	120 V	BMS	BMS	Low Pressure Alarm	Manufacturer Furnished / Contractor Installed	Setpoint No Higher Than 80% of Regulated Pressure
-	PT - 4 1 1 6	PT - 4 2 1 6	PT - 4 3 1 6	Pressure Transmitter	Natural Gas	Pressure	Supply to Burner	3"	0 - 20 PSIG	AI	4 - 20 mA DC	PMCP	BMS	Status - Pressure	Contractor Furnished / Contractor Installed	
-	PT - 4 1 1 7	PT - 4 2 1 7	PT - 4 3 1 7	Pressure Transmitter	Natural Gas	Pressure	Supply to Burner	3"	0 - 20 PSIG	AI	4 - 20 mA DC	PMCP	BMS	Status - Pressure	Contractor Furnished / Contractor Installed	
-	ZSC - 4 1 0 6	ZSC - 4 2 0 6	ZSC - 4 3 0 6	Position Switch	Natural Gas	Position Verification	FCV-4x06	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
LWPB	ZSC - 4 1 0 5	ZSC - 4 2 0 5	ZSC - 4 3 0 5	Position Switch	Natural Gas	Position Verification	FSV-4x05	--	Closed	DI	120 V	BMS	BMS	Low Fire Position	Manufacturer Furnished / Contractor Installed	
POC-AF06RPM	ZSO - 4 1 1 0	ZSO - 4 2 1 0	ZSO - 4 3 1 0	Position Switch	Natural Gas	Position Verification	FSV-4x10	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	Wired in Series with ZSC 4x11
POC-AF06BZN	ZSC - 4 1 1 1	ZSC - 4 2 1 1	ZSC - 4 3 1 1	Position Switch	Natural Gas	Position Verification	FSV-4x11	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	Wired in Series with ZSO 4x10
-	ZSC - 4 1 1 2	ZSC - 4 2 1 2	ZSC - 4 3 1 2	Position Switch	Natural Gas	Position Verification	FSV-4x12	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 1 3	ZSO - 4 2 1 3	ZSO - 4 3 1 3	Position Switch	Natural Gas	Position Verification	FSV-4x13	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 1 4	ZSO - 4 2 1 4	ZSO - 4 3 1 4	Position Switch	Natural Gas	Position Verification	FSV-4x14	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZSO - 4 1 1 5	ZSO - 4 2 1 5	ZSO - 4 3 1 5	Position Switch	Natural Gas	Position Verification	FSV-4x15	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZT - 4 1 0 8	ZT - 4 2 0 8	ZT - 4 3 0 8	Position Transmitter	Natural Gas	Position Feedback	FCV-4x08	--	0 - 100 %	AI	4 - 20 mA DC	DDC	DDC	Position Indication %	Manufacturer Furnished / Contractor Installed	
-	FCV - 5 1 0 1	FCV - 5 2 0 1	FCV - 5 3 0 1	Control Valve	Fuel Oil	Flow	Supply to Burner	3/4"	0 - 180 GPH	2"-5x09	--	--	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
-	FE - 5 1 0 2	FE - 5 2 0 2	FT - 5 3 0 2	Flow Element, Positive Displacement	Fuel Oil	Flow	Supply to Burner	3/4"	180 GPH	AI	4 - 20 mA DC	DDC	DDC	Status - Flow	Manufacturer Furnished / Contractor Installed	Provide w/ FT - 5 1 0 2
AFOSSV	FSV - 5 1 0 3	FSV - 5 2 0 3	FSV - 5 3 0 3	Safety Valve	Fuel Oil	Flow	Supply to Burner	3/4"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
AFOSSV	FSV - 5 1 0 4	FSV - 5 2 0 4	FSV - 5 3 0 4	Safety Valve	Fuel Oil	Flow	Supply to Burner	3/4"	Open / Closed	DI	120 V	BMS	--	--	Manufacturer Furnished / Contractor Installed	Fail Closed
HPSHG25	PSH - 5 1 0 5	PSH - 5 2 0 5	PSH - 5 3 0 5	Pressure Switch	Fuel Oil	High Pressure	Supply to Burner	3/4"	110% of Regulated Pressure	DI	120 V	BMS	BMS	High Pressure Alarm	Manufacturer Furnished / Contractor Installed	
LPSHG25	PSL - 5 1 0 6	PSL - 5 2 0 6	PSL - 5 3 0 6	Pressure Switch	Fuel Oil	Low Pressure	Supply to Burner	3/4"	90% of Regulated Pressure	DI	120 V	BMS	BMS	Low Pressure Alarm	Manufacturer Furnished / Contractor Installed	
-	PT - 5 1 0 7	PT - 5 2 0 7	PT - 5 3 0 7	Pressure Transmitter	Fuel Oil	Pressure	Supply to Burner	3/4"	0 - 300 PSIG	AI	4 - 20 mA DC	PMCP	BMS	Status - Pressure	Manufacturer Furnished / Contractor Installed	
-	ZSC - 5 1 0 1	ZSC - 5 2 0 1	ZSC - 5 3 0 1	Position Switch	Fuel Oil	Position Verification	FCV-5x01	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
LPPB	ZSC - 5 1 0 2	ZSC - 5 2 0 2	ZSC - 5 3 0 2	Position Switch	Fuel Oil	Position Verification	FSV-5x02	--	Closed	DI	120 V	BMS	BMS	Low Fire Position	Manufacturer Furnished / Contractor Installed	
POC-AF06BZN	ZSC - 5 1 0 3	ZSC - 5 2 0 3	ZSC - 5 3 0 3	Position Switch	Fuel Oil	Position Verification	FSV-5x03	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	(1)
POC-AF06BZN	ZSC - 5 1 0 4	ZSC - 5 2 0 4	ZSC - 5 3 0 4	Position Switch	Fuel Oil	Position Verification	FSV-5x04	--	Closed	DI	120 V	BMS	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	(2)
-	ZSO - 5 1 0 5	ZSO - 5 2 0 5	ZSO - 5 3 0 5	Position Switch	Fuel Oil	Position Verification	FSV-5x05	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZSO - 5 1 0 6	ZSO - 5 2 0 6	ZSO - 5 3 0 6	Position Switch	Fuel Oil	Position Verification	FSV-5x06	--	Open	DI	120 V	BMS	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZT - 5 1 0 1	ZT - 5 2 0 1	ZT - 5 3 0 1	Position Transmitter	Fuel Oil	Position Feedback	FCV-5x01	--	0 - 100 %	AI	4 - 20 mA DC	DDC	DDC	Position Indication %	Manufacturer Furnished / Contractor Installed	
-	FE - 6 1 0 1	FE - 6 2 0 1	FE - 6 3 0 1	Flow Element, Vortex	Steam	Flow	Supply to Boiler	4"	2,500 - 20,000 PPH	AI	4 - 20 mA DC	DDC	DDC	Status - Flow	Manufacturer Furnished / Contractor Installed	Provide w/ FT - 6 1 0 2
SBSHLS	PSHH - 6 1 0 2	PSHH - 6 2 0 2	PSHH - 6 3 0 2	Pressure Switch	Steam	High-High Pressure	Boiler	--	120 PSIG	DI	120 V	BMS / DDC	BMS	High-High Pressure Cut-Off	Manufacturer Furnished / Contractor Installed	Automatic Reset
SBSHLS	PSHH - 6 1 0 3	PSHH - 6 2 0 3	PSHH - 6 3 0 3	Pressure Switch	Steam	High-High Pressure (Auxiliary)	Boiler	--	120 PSIG	DI	120 V	BMS	BMS	High-High Pressure Cut-Off (Auxiliary)	Manufacturer Furnished / Contractor Installed	Manual Reset
SVSH	PSV - 6 1 0 4	PSV - 6 2 0 4	PSV - 6 3 0 4	Safety Valve	Steam	Pressure	Boiler	--	150 PSIG	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	
SVSD	PSV - 6 1 0 5	PSV - 6 2 0 5	PSV - 6 3 0 5	Safety Valve	Steam	Pressure	Boiler	--	150 PSIG	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	
-	PT - 6 1 0 6	PT - 6 2 0 6	PT - 6 3 0 6	Pressure Transmitter	Steam	Pressure	Boiler	--	0 - 300 PSIG	AI	4 - 20 mA DC	DDC	DDC	Status - Pressure	Manufacturer Furnished / Contractor Installed	
-	PT - 6 1 0 7	PT - 6 2 0 7	PT - 6 3 0 7	Pressure Transmitter	Steam	Pressure	Boiler Feedpump Suction	--	0 - 150 PSIG	AI	4 - 20 mA DC	DDC	DDC	Status - Pressure	Manufacturer Furnished / Contractor Installed	
-	TT - 6 1 0 8	TT - 6 2 0 8	TT - 6 3 0 8	Temperature Transmitter	Steam	Temperature	Boiler	--	32 - 392 F	AI	4 - 20 mA DC	DDC	DDC	Status - Temperature	Manufacturer Furnished / Contractor Installed	
-	TT - 6 1 0 9	TT - 6 2 0 9	TT - 6 3 0 9	Temperature Transmitter	Steam	Temperature	Boiler Feedpump Suction	--	32 - 392 F	AI	4 - 20 mA DC	DDC	DDC	Status - Temperature	Manufacturer Furnished / Contractor Installed	
LPSQL1	AE - 7 1 0 1	AE - 7 2 0 1	AE - 7 3 0 1	Oxygen Monitor	Combustion	Oxygen Content	Flue Gas Downstream of Economizer	3/4"	0 - 10 %	AI	4 - 20 mA DC	DDC	DDC	Status - % Oxygen	Contractor Furnished / Contractor Installed	Provide w/ AT - 7 3 0 1
-	AO - 7 1 0 2	AO - 7 2 0 2	AO - 7 3 0 2	Opacity Meter	Combustion	Opacity	Stack Gas Downstream of Economizer	24"	0 - 100 %	AI	4 - 20 mA DC	PMCP	BMS	Status - % Opacity	Contractor Furnished / Contractor Installed	
FGMETER	BE - 7 1 0 3	BE - 7 2 0 3	BE - 7 3 0 3	Flame Detector	Combustion	Flame Monitoring	Burner	--	--	DI	120 V	BMS	BMS	Status - Burner Flame Failure	Manufacturer Furnished / Contractor Installed	
-	DPT - 7 1 0 4	DPT - 7 2 0 4	DPT - 7 3 0 4	Pressure Transmitter	Combustion	Differential Pressure	Combustion Air Supply	--	Per Manufacturer	AI	4 - 20 mA DC	DDC	DDC	Status - FD Fan Failure	Manufacturer Furnished / Contractor Installed	
-	DPT - 7 1 0 5	DPT - 7 2 0 5	DPT - 7 3 0 5	Pressure Transmitter	Combustion	Differential Pressure	Boiler Downstream of Economizer	--	Per Manufacturer	AI	4 - 20 mA DC	DDC	DDC	Status - Soot	Manufacturer Furnished / Contractor Installed	
-	DPT - 7 1 0 6	DPT - 7 2 0 6	DPT - 7 3 0 6	Pressure Transmitter	Combustion	Differential Pressure	Boiler Downstream of Economizer	--	Per Manufacturer	AI	4 - 20 mA DC	DDC	DDC	Status - Soot	Contractor Furnished / Contractor Installed	
FDSSG	EX - 7 1 0 7	EX - 7 2 0 7	EX - 7 3 0 7	Voltage Transformer	Combustion	Blower Motor	Blower	--	Per Manufacturer	DI	120 V	BMS / DDC	DDC	--	Manufacturer Furnished / Contractor Installed	
-	FCV - 7 1 0 8	FCV - 7 2 0 8	FCV - 7 3 0 8	Control Valve	Combustion	Flow	Fresh Air Pre-Heater	--	Per Manufacturer	--	20-3x08	--	--	--	Manufacturer Furnished / Contractor Installed	
DAFS	FS - 7 1 0 9	FS - 7 2 0 9	FS - 7 3 0 9	Flow Switch	Combustion	Flow, Low Limit	Combustion Air Supply	--	Field Set	DI	120 V	BMS	BMS	Status - Low Air Flow	Manufacturer Furnished / Contractor Installed	
PAPS	FS - 7 1 1 0	FS - 7 2 1 0	FS - 7 3 1 0	Flow Switch	Combustion	Flow, Purge Air	Furnace Boiler	--	Field Set	DI	120 V	BMS	BMS	Status - Purge Air Flow	Manufacturer Furnished / Contractor Installed	
FDMS	IS - 7 1 1 1A	IS - 7 2 1 1A	IS - 7 3 1 1A	Current Switch	Combustion	Current Sensor	Boiler FD Fan	--	Field Set	DI	120 V	BMS	BMS	Status - Closed	Contractor Furnished / Contractor Installed	
FDMS	IS - 7 1 1 1B	IS - 7 2 1 1B	IS - 7 3 1 1B	Current Switch	Combustion	Current Sensor	Boiler FD Fan	--	Field Set	DI	120 V	BMS	BMS	Status - Closed	Contractor Furnished / Contractor Installed	
FDMS	IS - 7 1 1 1C	IS - 7 2 1 1C	IS - 7 3 1 1C	Current Switch	Combustion	Current Sensor	Boiler FD Fan	--	Field Set	DI	120 V	BMS	BMS	Status - Closed	Contractor Furnished / Contractor Installed	
-	ST - 7 1 1 2	ST - 7 2 1 2	ST - 7 3 1 2	Speed Transmitter	Combustion	Blower Motor	Boiler FD Fan	--	Field Set	AI	4 - 20 mA DC	DDC	DDC	Status - Speed	Contractor Furnished / Contractor Installed	Provide w/ SE - 7 3 1 2
-	TT - 7 1 1 3	TT - 7 2 1 3	TT - 7 3 1 3	Temperature Transmitter	Combustion	Bearing Thermistor of Economizer	Economizer	24"	32 - 752 F	AI	4 - 20 mA DC	DDC	DDC	Status - Temperature	Contractor Furnished / Contractor Installed	Provide w/ TE - 7 1 1 3
-	TT - 7 1 1 4	TT - 7 2 1 4	TT - 7 3 1 4	Temperature Transmitter	Combustion	Temperature	Economizer Downstream of Economizer	24"	32 - 752 F	AI	4 - 20 mA DC	BMS / DDC	BMS	Status - Temperature	Contractor Furnished / Contractor Installed	Provide w/ TE - 7 1 1 4
-	DS - 7 1 1 5	ZS - 7 2 1 5	ZS - 7 3 1 5	Position Switch	Combustion	Position Verification	Blower Oil Gap	--	Open / Closed	DI	120 V	DDC	DDC	Position Indication - Proved	Manufacturer Furnished / Contractor Installed	
-	ZSC - 7 1 0 6	ZSC - 7 2 0 6	ZSC - 7 3 0 6	Position Switch	Combustion	Position Verification	Flue Gas Recirculation Damper	--	Closed	DI	120 V	BMS / DDC	BMS	Position Verification - Fully Closed	Manufacturer Furnished / Contractor Installed	
LSPB	ZSC - 7 1 0 9	ZSC - 7 2 0 9	ZSC - 7 3 0 9	Position Switch	Combustion	Position Verification	FCV-7x08	--	Closed	DI	120 V	BMS	BMS	Low Fire Position	Manufacturer Furnished / Contractor Installed	
LSPC	ZSC - 7 1 1 0	ZSC - 7 2 1 0	ZSC - 7 3 1 0	Position Switch	Combustion	Position Verification	Flue Gas Recirculation Damper	--	Closed	DI	120 V	BMS	BMS	Low Fire Position	Manufacturer Furnished / Contractor Installed	
FGRSO	ZSO - 7 1 1 1	ZSO - 7 2 1 1	ZSO - 7 3 1 1	Position Switch	Combustion	Position Verification	Flue Gas Recirculation Damper	--	Damper 90% Open	DI	120 V	BMS	BMS	Position Verification - 90% Open	Manufacturer Furnished / Contractor Installed	(3)
FGRMOPS	ZSO - 7 1 1 6	ZSO - 7 2 1 6	ZSO - 7 3 1 6	Position Switch	Combustion	Position Verification	FCV-7x08	--	Open	DI	120 V	BMS / DDC	BMS	Position Verification - Fully Open	Manufacturer Furnished / Contractor Installed	
-	ZT - 7 1 0 5	ZT - 7 2 0 5	ZT - 7 3 0 5	Position Transmitter	Combustion	Position Feedback	FCV-7x08	--	0 - 100 %	AI	4 - 20 mA DC	BMS / DDC	BMS	Position Indication %	Manufacturer Furnished / Contractor Installed	Fail Last Position
-	TE - 7 1 1 7	TE - 7 2 1 7	TE - 7 3 1 7	Temperature Element	Combustion	Air Flow	Ambient	--	--	AI	--	BMS	BMS	Alarm	Contractor Furnished / Contractor Installed	
-	GA - 7 1 2 0	GA - 7 2 2 0	GA - 7 3 2 0	Gas Detector	Combustion	Air Flow	Basement	--	Per Manufacturer	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	CY - 7 1 2 0	CY - 7 2 2 0	CY - 7 3 2 0	Carbon Monoxide	Combustion	Air Flow	4th Unit	--	--	DTD	120 V	BMS	BMS	Alarm	Contractor Furnished / Contractor Installed	
-	IS - 7 1 2 0	IS - 7 2 2 0	IS - 7 3 2 0	Current Switch	Combustion	Air Flow	4th Unit	--	--	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	FQY - 7 1 2 0	FQY - 7 2 2 0	FQY - 7 3 2 0	Flow Switch	Combustion	Air Flow	4th Unit	--	Open / Closed	DO	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	ZSC - 7 1 2 0	ZSC - 7 2 2 0	ZSC - 7 3 2 0	End Switch	Combustion	Air Flow	4th Unit	--	Closed	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	ZSO - 7 1 2 0	ZSO - 7 2 2 0	ZSO - 7 3 2 0	End Switch	Combustion	Air Flow	4th Unit	--	Open	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	DPS - 7 1 2 0	DPS - 7 2 2 0	DPS - 7 3 2 0	Pressure Switch	Combustion	Air Flow	4th Unit	--	Fail at 30 IC	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	FCV - 7 1 2 1	FCV - 7 2 2 1	FCV - 7 3 2 1	Control Valve	Combustion	Air Flow	4th Unit	--	--	AO	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
LAMPS	PSL - 8 1 0 1	PSL - 8 2 0 1	PSL - 8 3 0 1	Pressure Switch	Atomizing Air	Low Pressure	Boiler Mounted Compressor	--	80% of Pressure at Low Fire	DI	120 V	BMS	BMS	Low Pressure Alarm	Manufacturer Furnished / Contractor Installed	
-	PSV - 8 1 0 2	PSV - 8 2 0 2	PSV - 8 3 0 2	Safety Valve	Atomizing Air	Pressure	Boiler Mounted Compressor	--	Per Manufacturer	--	--	--	--	--	Manufacturer Furnished / Contractor Installed	
LAMDPS	DPS - 8 1 0 3	DPS - 8 2 0 3	DPS - 8 3 0 3	Differential Pressure Switch	Atomizing Air Fuel Oil	Differential Pressure	Atomizing Air	--	60% of Differential	DI	120 V	BMS	BMS	Low Differential Pressure Alarm	Contractor Furnished / Contractor Installed	
-	IS - 8 1 0 3A	IS - 8 2 0 3A	IS - 8 3 0 3A	Current Switch	Atomizing Air	Current Sensor	Air Compressor Motor	--	Field Set	DI	120 V	BMS	BMS	--	Contractor Furnished / Contractor Installed	
-	IS - 8 1 0 3B	IS - 8 2 0 3B	IS - 8 3 0 3B	Current Switch	Atomizing Air	Current Sensor	Air Compress