

Tag Name	Instrument	Service	Location	Specification	Standardized Instrument	PID Drawing	Loop Diagram	Comments
AE-L510-1	H2S Gas Sensor	Gas Detecting Element	Lift Station-Pump Room	403002	YES	1-0197L-P0003-001	1-0197L-A0014-001	Supplied with AIT-L510
AE-L520-1	Methane Gas Sensor	Gas Detecting Element	Generator Building	403002	YES	1-0219L-P0001-001	1-0219L-A0016-001	Supplied with AIT-L520
AE-L530	Carbon Monoxide Detector	Gas Detecting Element	Generator Building	403002	--	--	--	
AIT-L510	H2S Gas Monitor	Gas Level Transmitter	Entrance Room	403002	YES	1-0197L-P0003-001	1-0197L-A0014-001	
AIT-L520	Methane Gas Monitor	Gas Detector and Transmitter	Generator Building	403002	YES	1-0219L-P0001-001	1-0219L-A0016-001	Ceiling Mounted
ESL-L72E1	Power Fail Relay	600 VAC Power Fail Relay	Generator Building	262419	--	--	1-0219L-A0023-001	Supplied with MCC-L72E
ESL-L812	Power Fail Relay	120 VAC Power Fail Relay	Generator Building	--	--	--	--	Supplied with PLC Control Panel CP-L81. See A0005.
FE-L012	Magnetic Flow Sensor	P-L01 Discharge Flow Sensor	Motor Room	403002	YES	1-0197L-P0002-001	1-0197L-A0015-001	Supplied with FIT-L012
FE-L022	Magnetic Flow Sensor	P-L02 Discharge Flow Sensor	Motor Room	403002	YES	1-0197L-P0002-002	1-0197L-A0016-001	Supplied with FIT-L022
FE-L032	Magnetic Flow Sensor	P-L03 Discharge Flow Sensor	Motor Room	403002	YES	1-0197L-P0002-002	1-0197L-A0017-001	Supplied with FIT-L032
FIT-L012	Flow Transmitter	P-L01 Discharge Flow Transmitter	Motor Room	403002	YES	1-0197L-P0002-001	1-0197L-A0015-001	
FIT-L022	Flow Transmitter	P-L02 Discharge Flow Transmitter	Motor Room	403002	YES	1-0197L-P0002-002	1-0197L-A0016-001	
FIT-L032	Flow Transmitter	P-L03 Discharge Flow Transmitter	Motor Room	403002	YES	1-0197L-P0002-002	1-0197L-A0017-001	
PSL-L526	Low Pressure Switch	Domestic Water Service Low Pressure	Pump Room	403002	--	1-0197L-P0002-001	1-0197L-A0037-001	
FSL-L011	Seal Water Flow Switch	P-L01 Seal Water Low Flow Switch	Pump Room	403002	--	1-0197L-P0002-001	1-0197L-A0024-001	
FSL-L021	Seal Water Flow Switch	P-L02 Seal Water Low Flow Switch	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0027-001	
FSL-L031	Seal Water Flow Switch	P-L03 Seal Water Low Flow Switch	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0030-001	
FSL-L613	Air Flow Switch	Blower Heater Air Proving Switch	Entrance Room	403002	--	1-0197L-P0003-001	1-0197L-A0020-001	
FSL-L641	Air Flow Switch	Generator Building Air Proving Switch	Generator Building	403002	--	1-0219L-P0001-001	1-0219L-A0018-001	
XV-L412	Force Main Actuator	NEWPCC Force Main Actuator	Motor Room	409200	YES	1-0197L-P0002-002	1-0197L-A0033-001	
XV-L422	Force Main Actuator	SEWPCC Force Main Actuator	Motor Room	409200	YES	1-0197L-P0002-002	1-0197L-A0034-001	
FV-L601	Damper Actuator	Lift Station HVAC Recirculation Damper	Entrance Room	409200	--	1-0197L-P0003-001	1-0197L-A0021-001	On/Off, 24 VAC power supply
FV-L651	Damper Actuator	Generator Building Exhaust Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0018-001	On/Off, 24 VAC power supply
FV-L671	Damper Actuator	Generator Combustion Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0017-001	Modulating, 24 VAC power supply, 0 - 10 VDC
FV-L672	Damper Actuator	Generator Outside Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0019-001	Modulating, 24 VAC power supply, 0 - 10 VDC
FV-L673	Damper Actuator	Generator Exhaust Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0019-001	Modulating, 24 VAC power supply, 0 - 10 VDC
FV-L674	Damper Actuator	Generator Recirculation Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0019-001	On/Off, 24 VAC power supply
FV-L675	Damper Actuator	Generator Recirculation Air Damper	Generator Building	233315	--	1-0219L-P0001-001	1-0219L-A0019-001	
HS-L604	Hand Switch	Lift Station Occupancy Switch	Entrance Room	403002	--	1-0197L-P0003-001	1-0197L-A0023-001	Part of double pole light switch
HS-L670	Hand Switch	Generator Building Occupancy Switch	Generator Building	403002	--	--	1-0219L-A0020-001	Part of double pole light switch
HS-L817	Hand Switch	Alarm Test Switch	Generator Building	262903	--	--	--	Supplied with PLC Control Panel CP-L81. See A0007.
HS-L010-3	Hand Switch	Lift Pump P-L01 Local Manual Start/Stop	Motor Room	262903	--	1-0197L-P0002-001	--	
HS-L020-3	Hand Switch	Lift Pump P-L02 Local Manual Start/Stop	Motor Room	262903	--	1-0197L-P0002-002	--	
HS-L030-3	Hand Switch	Lift Pump P-L03 Local Manual Start/Stop	Motor Room	262903	--	1-0197L-P0002-002	--	
HSS-L010-1	Emergency Stop	Lift Pump P-L01 Emergency Stop	Motor Room	409001	--	1-0197L-P0002-001	--	
HSS-L010-2	Emergency Stop	Lift Pump P-L01 Emergency Stop	Pump Room	409001	--	1-0197L-P0002-001	--	
HSS-L020-1	Emergency Stop	Lift Pump P-L02 Emergency Stop	Motor Room	409001	--	1-0197L-P0002-002	--	
HSS-L020-2	Emergency Stop	Lift Pump P-L02 Emergency Stop	Pump Room	409001	--	1-0197L-P0002-002	--	
HSS-L030-1	Emergency Stop	Lift Pump P-L03 Emergency Stop	Motor Room	409001	--	1-0197L-P0002-002	--	
HSS-L030-2	Emergency Stop	Lift Pump P-L03 Emergency Stop	Pump Room	409001	--	1-0197L-P0002-002	--	
LG-L100-1	Level Gauge	Wet Well Level Gauge 1	Pump Room/Motor Room	220515	--	1-0197L-P0002-001	--	Extends through floor to motor room
LG-L100-2	Level Gauge	Wet Well Level Gauge 2	Pump Room/Motor Room	220515	--	1-0197L-P0002-001	--	Extends through floor to motor room
LIC-L100-1	Level Controller	Wet Well Level 1 Controller	Generator Building	409200	--	1-0197L-P0002-001	1-0197L-A0012-001	
LIC-L100-2	Level Controller	Wet Well Level 2 Controller	Generator Building	409200	--	1-0197L-P0002-001	1-0197L-A0013-001	
LIT-L100-1	DP Level Transmitter	Wet Well Level 1	Pump Room	403002	YES	1-0197L-P0002-001	1-0197L-A0012-001	
LIT-L100-2	DP Level Transmitter	Wet Well Level 2	Pump Room	403002	YES	1-0197L-P0002-001	1-0197L-A0013-001	
LI-L100-1	Level Indicator	Wet Well Level 1	Lift Station	403002	--	1-0197L-P0002-001	1-0197L-A0012-001	
LI-L100-2	Level Indicator	Wet Well Level 2	Lift Station	403002	--	1-0197L-P0002-001	1-0197L-A0013-001	
LSHH-L101	Level Switch	Wet Well High High Level	Wet Well	403002	--	1-0197L-P0002-001	1-0197L-A0018-001	
LSH-L501	Level Switch	Pump Room Level Flood	Pump Room	403002	--	1-0197L-P0002-001	1-0197L-A0019-001	
TE-L010-1	Temperature Sensors	P-L01 Motor Drive End (Upper) Temperature	Motor Room	E29	--	1-0197L-P0002-001	1-0197L-A0025-001	Supplied with Pump P-L01
TE-L010-2	Temperature Sensors	P-L01 Motor Drive End (Lower) Temperature	Motor Room	E29	--	1-0197L-P0002-001	1-0197L-A0025-001	Supplied with Pump P-L01
TE-L010-3	Temperature Sensors	P-L01 Pump Drive End (Upper) Temperature	Pump Room	E29	--	1-0197L-P0002-001	1-0197L-A0025-001	Supplied with Pump P-L01
TE-L010-4	Temperature Sensors	P-L01 Pump Drive End (Lower) Temperature	Pump Room	E29	--	1-0197L-P0002-001	1-0197L-A0025-001	Supplied with Pump P-L01
TE-L020-1	Temperature Sensors	P-L02 Motor Drive End (Upper) Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0028-001	Supplied with Pump P-L02
TE-L020-2	Temperature Sensors	P-L02 Motor Drive End (Lower) Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0028-001	Supplied with Pump P-L02
TE-L020-3	Temperature Sensors	P-L02 Pump Drive End (Upper) Temperature	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0028-001	Supplied with Pump P-L02
TE-L020-4	Temperature Sensors	P-L02 Pump Drive End (Lower) Temperature	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0028-001	Supplied with Pump P-L02
TE-L030-1	Temperature Sensors	P-L03 Motor Drive End (Upper) Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0031-001	Supplied with Pump P-L03
TE-L030-2	Temperature Sensors	P-L03 Motor Drive End (Lower) Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0031-001	Supplied with Pump P-L03
TE-L030-3	Temperature Sensors	P-L03 Pump Drive End (Upper) Temperature	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0031-001	Supplied with Pump P-L03
TE-L030-4	Temperature Sensors	P-L03 Pump Drive End (Lower) Temperature	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0031-001	Supplied with Pump P-L03
TE-L721-1	Temperature Sensor	Generator Room Temperature Sensor	Generator Building	403002	--	--	1-0219L-A0020-001	
TE-L721-2	Temperature Sensor	Generator Room Temperature Sensor	Generator Building	403002	--	--	1-0219L-A0020-001	
TIC-L670	Temperature Controller	Generator Building HVAC Temperature Controller	Generator Building	409200	--	1-0219L-P0001-001	--	Installed in generator HVAC panel

TS-L661	Temperature Switch	Electrical Room Unit Heater Thermostat	Generator Building	238239.23	--	1-0219L-P0001-001	--	Supplied with UH-L66-1
TS-L662	Temperature Switch	Generator Room Unit Heater Thermostat	Generator Building	238239.23	--	1-0219L-P0001-001	--	Supplied with UH-L66-2
TS-L631	Thermostat	Unit Heater Thermostat	Entrance Room	238239.23	--	1-0197L-P0003-001	--	Included with heater
TS-L641	Thermostat	Unit Heater Thermostat	Bypass Pumping Vault	238239.23	--	1-0197L-P0003-001	--	Included with heater
TS-L651	Thermostat	Unit Heater Thermostat	Pump Room	238239.23	--	1-0197L-P0003-001	--	Included with heater
TSH-L011	Temperature Switch	P-L01 Motor High Temperature	Motor Room	E29	--	1-0197L-P0002-001	1-0197L-A0038-001	Supplied with Pump P-L01
TSH-L021	Temperature Switch	P-L02 Motor High Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0039-001	Supplied with Pump P-L02
TSH-L031	Temperature Switch	P-L03 Motor High Temperature	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0040-001	Supplied with Pump P-L03
TSH-L600	High Temperature Switch	Lift Station Outdoor High Temperature Switch	Exterior	403002	--	1-0197L-P0003-001	1-0197L-A0023-001	Wired to HVAC panel for recirculation control, does not go to PLC
TSL-L600	Low Temperature Switch	Exterior Low Temperature Switch	LS Exterior	403002	--	1-0197L-P0003-001	1-0197L-A0023-001	Wired to HVAC panel for recirculation control, does not go to PLC
TT-L010-1	Temperature Transmitter	P-L01 Motor Drive End (Upper) Temperature	Motor Room	403002	--	1-0197L-P0002-001	1-0197L-A0025-001	
TT-L010-2	Temperature Transmitter	P-L01 Motor Drive End (Lower) Temperature	Motor Room	403002	--	1-0197L-P0002-001	1-0197L-A0025-001	
TT-L010-3	Temperature Transmitter	P-L01 Pump Drive End (Upper) Temperature	Pump Room	403002	--	1-0197L-P0002-001	1-0197L-A0025-001	
TT-L010-4	Temperature Transmitter	P-L01 Pump Drive End (Lower) Temperature	Pump Room	403002	--	1-0197L-P0002-001	1-0197L-A0025-001	
TT-L020-1	Temperature Transmitter	P-L02 Motor Drive End (Upper) Temperature	Motor Room	403002	--	1-0197L-P0002-002	1-0197L-A0028-001	
TT-L020-2	Temperature Transmitter	P-L02 Motor Drive End (Lower) Temperature	Motor Room	403002	--	1-0197L-P0002-002	1-0197L-A0028-001	
TT-L020-3	Temperature Transmitter	P-L02 Pump Drive End (Upper) Temperature	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0028-001	
TT-L020-4	Temperature Transmitter	P-L02 Pump Drive End (Lower) Temperature	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0028-001	
TT-L030-1	Temperature Transmitter	P-L03 Motor Drive End (Upper) Temperature	Motor Room	403002	--	1-0197L-P0002-002	1-0197L-A0031-001	
TT-L030-2	Temperature Transmitter	P-L03 Motor Drive End (Lower) Temperature	Motor Room	403002	--	1-0197L-P0002-002	1-0197L-A0031-001	
TT-L030-3	Temperature Transmitter	P-L03 Pump Drive End (Upper) Temperature	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0031-001	
TT-L030-4	Temperature Transmitter	P-L03 Pump Drive End (Lower) Temperature	Pump Room	403002	--	1-0197L-P0002-002	1-0197L-A0031-001	
TT-L631	Temperature Transmitter	Entrance Room Temperature Transmitter	Entrance Room	403002	YES	1-0197L-P0003-001	1-0197L-A0035-001	
TT-L651	Temperature Transmitter	Pump Room Temperature Transmitter	Pump Room	403002	YES	1-0197L-P0003-001	1-0197L-A0036-001	
TT-L661	Temperature Transmitter	Generator Building Electrical Room Temperature	Generator Building	403002	YES	1-0219L-P0001-001	1-0219L-A0021-001	
TT-L662	Temperature Transmitter	Generator Building Generator Temperature	Generator Building	403002	YES	1-0219L-P0001-001	1-0219L-A0021-001	
TT-L721	Temperature Transmitter	Generator Room Temperature Transmitter	Generator Building	403002	YES	1-0219L-P0001-001	1-0219L-A0020-001	Averages temperature of two points, inputs 4-20mA temperature cc
VT-L010-1	Vibration Transmitter	P-L01 Motor Drive End (Upper) Vibration	Motor Room	E29	--	1-0197L-P0002-001	1-0197L-A0026-001	Supplied with Pump P-L01
VT-L010-2	Vibration Transmitter	P-L01 Motor Drive End (Lower) Vibration	Motor Room	E29	--	1-0197L-P0002-001	1-0197L-A0026-001	Supplied with Pump P-L01
VT-L010-3	Vibration Transmitter	P-L01 Pump Drive End (Upper) Vibration	Pump Room	E29	--	1-0197L-P0002-001	1-0197L-A0026-001	Supplied with Pump P-L01
VT-L010-4	Vibration Transmitter	P-L01 Pump Drive End (Lower) Vibration	Pump Room	E29	--	1-0197L-P0002-001	1-0197L-A0026-001	Supplied with Pump P-L01
VT-L020-1	Vibration Transmitter	P-L02 Motor Drive End (Upper) Vibration	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0029-001	Supplied with Pump P-L02
VT-L020-2	Vibration Transmitter	P-L02 Motor Drive End (Lower) Vibration	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0029-001	Supplied with Pump P-L02
VT-L020-3	Vibration Transmitter	P-L02 Pump Drive End (Upper) Vibration	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0029-001	Supplied with Pump P-L02
VT-L020-4	Vibration Transmitter	P-L02 Pump Drive End (Lower) Vibration	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0029-001	Supplied with Pump P-L02
VT-L030-1	Vibration Transmitter	P-L03 Motor Drive End (Upper) Vibration	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0032-001	Supplied with Pump P-L03
VT-L030-2	Vibration Transmitter	P-L03 Motor Drive End (Lower) Vibration	Motor Room	E29	--	1-0197L-P0002-002	1-0197L-A0032-001	Supplied with Pump P-L03
VT-L030-3	Vibration Transmitter	P-L03 Pump Drive End (Upper) Vibration	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0032-001	Supplied with Pump P-L03
VT-L030-4	Vibration Transmitter	P-L03 Pump Drive End (Lower) Vibration	Pump Room	E29	--	1-0197L-P0002-002	1-0197L-A0032-001	Supplied with Pump P-L03
XS-L711	SPD Relay	SPD Status Relay	Generator Building	262419	--	--	1-0219L-A0024-001	Supplied with MCC-L71
XV-L010-1	Solenoid Valve	Pump P-L01 Seal Water Solenoid Valve	Pump Room	220515	--	1-0197L-P0002-001	--	
XV-L020-1	Solenoid Valve	Pump P-L02 Seal Water Solenoid Valve	Pump Room	220515	--	1-0197L-P0002-002	--	
XV-L030-1	Solenoid Valve	Pump P-L03 Seal Water Solenoid Valve	Pump Room	220515	--	1-0197L-P0002-002	--	