

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0001	1	FE-C001B	Flow Element	Standby Emulsion Polymer Flow to Storage Tanks					Skid	Vendor Package	Mech. Contractor	50mm	I100	WC-P0007	WB-A0453	WB-A0453	WC-E0112
0002	1	FT-C001B	Flow Indicator Transmitter	Standby Emulsion Polymer Flow to Storage Tanks			120V		Skid	Vendor Package	Mech. Contractor	Connected to PPU-C001 Local Panel	I100	WC-P0007	WB-A0453	WB-A0402	WC-E0112
0003	1	WE-C001B	Load Cells	Standby Emulsion Polymer Weight					Skid	Vendor Package	Mech. Contractor		TBC	WC-P0007	TBC	TBC	WC-E0112
0004	2	WT-C001B	Weight Indicator Transmitter	Standby Emulsion Polymer Weight			120V		Skid	Vendor Package	E&I Contractor	Connected to PPU-C001 Local Panel	TBC	WC-P0007	TBC	TBC	WC-E0112
0005	1	LS-C005A	Conductivity Level Switch	Polymer Spill Containment High Level			120V	6mm from floor of containment	Bracket	E&I Contractor	E&I Contractor	To measure any liquid in containment	I126	WC-P0007	WB-A0458	N/A	WC-E0112
0006	1	LS-C020A	Level Switch	Filter Polymer Bulk Powder Unloading Hopper Low			120V		Skid	Vendor Package	Mech. Contractor	Connected to PCU-C020 Local Panel. Switch type to be confirmed	TBC	WC-P0005	TBC	TBC	WC-E0112
0007	1	LS-C020B	Level Switch	Filter Polymer Bulk Powder Screw Feeder Blocked			120V		Skid	Vendor Package	Mech. Contractor	Connected to PCU-C020 Local Panel. Switch type to be confirmed	TBC	WC-P0005	TBC	TBC	WC-E0112
0008	1	WE-C020A	Load Cells	Filter Polymer Bulk Powder Weight					Skid	Vendor Package	Mech. Contractor		TBC	WC-P0005	TBC	TBC	WC-E0112
0009	1	WT-C020A	Weight Indicator Transmitter	Filter Polymer Bulk Powder Weight			120V		Skid	Vendor Package	Mech. Contractor	Connected to PCU-C020 Local Panel	TBC	WC-P0005	TBC	TBC	WC-E0112
0010	1	LS-C021A	Level Switch	Filter Polymer Preparation Tank High			120V		Bracket	Vendor Package	Mech. Contractor	Connected to PPU-C021 Local Panel	I126	WC-P0006	WB-A0458	N/A	WC-E0122
0011	1	LS-C021B	Level Switch	Filter Polymer Preparation Tank Low			120V		Bracket	Vendor Package	Mech. Contractor	Connected to PPU-C021 Local Panel	I126	WC-P0006	WB-A0458	N/A	WC-E0122
0012	1	SOL-C021B	Solenoid Actuator	Filter Polymer Preparation Tank Service Water Inlet Valve			120V		Valve	Vendor Package	Mech. Contractor	Connected to PPU-C021 Local Panel		WC-P0006			WC-E0122
0013	1	LE-C022A	Level Element	Filter Polymer Feed Tank Level					Flange	Vendor Package	Mech. Contractor		I120	WC-P0008	WB-A0455	WB-A0401	WC-E0112
0014	1	LT-C022A	Level Indicator Transmitter	Filter Polymer Feed Tank Level			120V	TBC	Wall/ Stand	Vendor Package	E&I Contractor		I120	WC-P0008	WB-A0455	WB-A0402	WC-E0112
0015	1	LS-C030A	Level Switch	Sludge Polymer Bulk Powder Unloading Hopper Low			120V		Skid	Vendor Package	Mech. Contractor	Connected to PCU-C030 Local Panel. Switch type to be confirmed	TBC	WC-P0005	TBC	TBC	WC-E0112
0016	1	LS-C030B	Level Switch	Sludge Polymer Bulk Powder Screw Feeder Blocked			120V		Skid	Vendor Package	Mech. Contractor	Connected to PCU-C030 Local Panel. Switch type to be confirmed	TBC	WC-P0005	TBC	TBC	WC-E0112
0017	1	WE-C030A	Load Cells	Sludge Polymer Bulk Powder Weight					Skid	Vendor Package	Mech. Contractor		TBC	WC-P0005	TBC	TBC	WC-E0112
0018	2	WT-C030A	Weight Indicator Transmitter	Sludge Polymer Bulk Powder Weight					Skid	Vendor Package	E&I Contractor	Connected to PCU-C030 Local Panel	TBC	WC-P0005	TBC	TBC	WC-E0112
0019	1	LS-C031A	Level Switch	Sludge Polymer Preparation Tank High			120V		Bracket	Vendor Package	Mech. Contractor	Connected to PPU-C031 Local Panel	I126	WC-P0007	WB-A0458	N/A	WC-E0122
0020	1	LS-C031B	Level Switch	Sludge Polymer Preparation Tank Low			120V		Bracket	Vendor Package	Mech. Contractor	Connected to PPU-C031 Local Panel	I126	WC-P0007	WB-A0458	N/A	WC-E0122
0021	1	SOL-C031B	Solenoid Actuator	Sludge Polymer Preparation Tank Service Water Inlet Valve			120V		Valve	Vendor Package	Mech. Contractor	Connected to PPU-C031 Local Panel		WC-P0007			WC-E0122
0022	1	LE-C032A	Level Element	Sludge Polymer Feed Tank Level					Flange	Vendor Package	Mech. Contractor		I120	WC-P0009	WB-A0455	WB-A0401	WC-E0112
0023	1	LT-C032A	Level Indicator Transmitter	Sludge Polymer Feed Tank Level			120V	TBC	Wall/ Stand	Vendor Package	E&I Contractor		I120	WC-P0009	WB-A0455	WB-A0402	WC-E0112
0024	1	FE-C061A	Flow Element	Filter Polymer Feed Pump P-C061A Discharge Flow					Skid	Vendor Package	Mech. Contractor	25mm	I100	WC-P0014	WB-A0453	WB-A0453	WC-E0112
0025	1	FI-C061A	Flow Indicator Transmitter	Filter Polymer Feed Pump P-C061A Discharge Flow			120V		Skid	Vendor Package	Mech. Contractor		I100	WC-P0014	WB-A0453	WB-A0402	WC-E0112
0026	1	FS-C061A	Flow Switch	Service Water to PC061A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0014	WB-A0463		WC-E0112
0027	1	FI-C061A	Flow Indicator	Service Water to PC061A Discharge Flow					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0014			WC-E0112
0028	3	PI-C061A	Pressure Indicator	Filter Polymer Feed Pump PC061A Discharge Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0014		WB-M0464	WC-E0112
0029	1	SOL-C061A	Solenoid Valve	Service Water to PC061A Discharge Flow Control Valve			120V		Skid	Vendor Package	Mech. Contractor			WC-P0014			WC-E0112
0030	1	TS-C061A	Temperature Switch	Filter Polymer Feed Pump PC061A High Stator Temperature					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0031	1	PS-C061A	Pressure Switch	Filter Polymer Feed Pump PC061A High Discharge Pressure					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0032	1	FE-C062A	Flow Element	Filter Polymer Feed Pump P-C062A Discharge Flow					Skid	Vendor Package	Mech. Contractor	25mm	I100	WC-P0014	WB-A0453	WB-A0453	WC-E0112

INSTRUMENT INDEX

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			INSTRUMENT TYPE	SERVICE													
0033	1	FI-C062A	Flow Indicator Transmitter	Filter Polymer Feed Pump P-C062A Discharge Flow			120V		Skid	Vendor Package	Mech. Contractor		I100	WC-P0014	WB-A0453	WB-A0402	WC-E0112
0034	1	FS-C062A	Flow Switch	Service Water to PC062A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0014	WB-A0463		WC-E0112
0035	1	FI-C062A	Flow Indicator	Service Water to PC062A Discharge Flow					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0014			WC-E0112
0036	3	PI-C062A	Pressure Indicator	Filter Polymer Feed Pump PC062A Discharge Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0014		WB-M0464	WC-E0112
0037	1	SOL-C062A	Solenoid Valve	Service Water to PC062A Discharge Flow Control Valve			120V		Skid	Vendor Package	Mech. Contractor			WC-P0014			WC-E0112
0038	1	TS-C062A	Temperature Switch	Filter Polymer Feed Pump PC062A High Stator Temperature					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0039	1	PS-C062A	Pressure Switch	Filter Polymer Feed Pump PC062A High Discharge Pressure					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0040	1	FE-C063A	Flow Element	Filter Polymer Feed Pump P-C063A Discharge Flow					Skid	Vendor Package	Mech. Contractor	25mm	I100	WC-P0014	WB-A0453	WB-A0453	WC-E0112
0041	1	FT-C063A	Flow Indicator Transmitter	Filter Polymer Feed Pump P-C063A Discharge Flow			120V		Skid	Vendor Package	Mech. Contractor		I100	WC-P0014	WB-A0453	WB-A0402	WC-E0112
0042	1	FS-C063A	Flow Switch	Service Water to PC063A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0014	WB-A0463		WC-E0112
0043	1	FI-C063A	Flow Indicator	Service Water to PC063A Discharge Flow					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0014			WC-E0112
0044	3	PI-C063A	Pressure Indicator	Filter Polymer Feed Pump PC063A Discharge Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0014		WB-M0464	WC-E0112
0045	1	SOL-C063A	Solenoid Valve	Service Water to PC063A Discharge Flow Control Valve			120V		Skid	Vendor Package	Mech. Contractor			WC-P0014			WC-E0112
0046	1	TS-C063A	Temperature Switch	Filter Polymer Feed Pump PC063A High Stator Temperature					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0047	1	PS-C063A	Pressure Switch	Filter Polymer Feed Pump PC063A High Discharge Pressure					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0048	1	FE-C071A	Flow Element	Sludge Polymer Feed Pump P-C071A Discharge Flow					Skid	Vendor Package	Mech. Contractor	25mm	I100	WC-P0015	WB-A0453	WB-A0453	WC-E0112
0049	1	FT-C071A	Flow Indicator Transmitter	Sludge Polymer Feed Pump P-C071A Discharge Flow			120V		Skid	Vendor Package	Mech. Contractor		I100	WC-P0015	WB-A0453	WB-A0402	WC-E0112
0050	1	FS-C071A	Flow Switch	Service Water to PC071A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0015	WB-A0463		WC-E0112
0051	1	FI-C071A	Flow Indicator	Service Water to PC071A Discharge Flow					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0015			WC-E0112
0052	3	PI-C071A	Pressure Indicator	Sludge Polymer Feed Pump PC071A Discharge Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0015		WB-M0464	WC-E0112
0053	1	SOL-C071A	Solenoid Valve	Service Water to P-C071A Discharge Flow Control Valve			120V		Skid	Vendor Package	Mech. Contractor			WC-P0015			WC-E0112
0054	1	TS-C071A	Temperature Switch	Sludge Polymer Feed Pump PC071A High Stator Temperature					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0015			WC-E0112
0055	1	PS-C071A	Pressure Switch	Filter Polymer Feed Pump PC071A High Discharge Pressure					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0056	1	FE-C072A	Flow Element	Sludge Polymer Feed Pump P-C072A Discharge Flow					Skid	Vendor Package	Mech. Contractor	25mm	I100	WC-P0015	WB-A0453	WB-A0453	WC-E0112
0057	1	FT-C072A	Flow Indicator Transmitter	Sludge Polymer Feed Pump P-C072A Discharge Flow			120V		Skid	Vendor Package	Mech. Contractor		I100	WC-P0015	WB-A0453	WB-A0402	WC-E0112
0058	1	FS-C072A	Flow Switch	Service Water to PC072A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0015	WB-A0463		WC-E0112
0059	1	FI-C072A	Flow Indicator	Service Water to PC072A Discharge Flow					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0015			WC-E0112
0060	3	PI-C072A	Pressure Indicator	Sludge Polymer Feed Pump PC072A Discharge Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0015		WB-M0464	WC-E0112
0061	1	SOL-C072A	Solenoid Valve	Service Water to P-C072A Discharge Flow Control Valve			120V		Skid	Vendor Package	Mech. Contractor			WC-P0015			WC-E0112
0062	1	TS-C072A	Temperature Switch	Sludge Polymer Feed Pump PC072A High Stator Temperature					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0015			WC-E0112
0063	1	PS-C072A	Pressure Switch	Filter Polymer Feed Pump PC072A High Discharge Pressure					Skid	Vendor Package	Mech. Contractor	Wired to local control panel		WC-P0014			WC-E0112
0064	1	LE-C701A	Level Element	Filter Inlet Chamber (TK-C701A) Level					Flange	E&I Contractor	E&I Contractor		I120	WO-P0010	WB-A0455	WB-A0401	WO-M0121
0065	1	LT-C701A	Level Indicator Transmitter	Filter Inlet Chamber (TK-C701A) Level			120V	0-5 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WO-P0010	WB-A0455	WB-A0402	WO-M0121
0066	1	LE-C702A	Level Element	Filter Inlet Chamber (TK-C702A) Level					Flange	E&I Contractor	E&I Contractor		I120	WO-P0011	WB-A0455	WB-A0401	WO-M0121
0067	1	LT-C702A	Level Indicator Transmitter	Filter Inlet Chamber (TK-C702A) Level			120V	0-5 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WO-P0011	WB-A0455	WB-A0402	WO-M0121
0068	1	LS-C800A	Conductivity Level Switch	Hydrogen Peroxide Spill Containment High Level			120V	6mm from floor of containment	Bracket	E&I Contractor	E&I Contractor	To measure any liquid in containment	I126	WC-P0001	WB-A0458	N/A	WC-E0112
0069	2	LE-C810A	Level Element	Hydrogen Peroxide Feed Tank TKC810A Level					Flange	E&I Contractor	E&I Contractor		I120	WC-P0001	WB-A0455	WB-A0401	WC-E0112
0070	2	LT-C810A	Level Indicator Transmitter	Hydrogen Peroxide Feed Tank TKC810A Level			120V	0-4 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WC-P0001	WB-A0455	WB-A0402	WC-E0112
0071	2	LI-C810B	Remote Indicator	Hydrogen Peroxide Feed Tank TKC810A Level			Loop Powered		Panel	E&I Contractor	E&I Contractor	Part of local control panel LCP-C800		WC-P0001			WC-E0112
0072	2	TE-C810A	Temperature Element	Hydrogen Peroxide Feed Tank TKC810A Temperature					Flange	E&I Contractor	E&I Contractor		I131	WC-P0001		WB-A0407	WC-E0112
0073	2	TT-C810A	Temperature Indicator Transmitter	Hydrogen Peroxide Feed Tank TKC810A Temperature					Wall/ Stand	E&I Contractor	E&I Contractor	Remote mounted indicator	I131	WC-P0001	WB-A0465		WC-E0112

INSTRUMENT INDEX

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			INSTRUMENT TYPE	SERVICE													
0074	2	LE-C820A	Level Element	Hydrogen Peroxide Feed Tank TKC820A Level					Flange	E&I Contractor	E&I Contractor		I120	WC-P0001	WB-A0455	WB-A0401	WC-E0112
0075	2	LT-C820A	Level Indicator Transmitter	Hydrogen Peroxide Feed Tank TKC820A Level			120V	0-4 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WC-P0001	WB-A0455	WB-A0402	WC-E0112
0076	2	LI-C820A	Remote Indicator	Hydrogen Peroxide Feed Tank TKC820A Level			Loop Powered		Panel	E&I Contractor	E&I Contractor	Part of local control panel LCP-C800		WC-P0001			WC-E0112
0077	2	TE-C820A	Temperature Element	Hydrogen Peroxide Feed Tank TKC820A Temperature					Flange	E&I Contractor	E&I Contractor		I131	WC-P0001		WB-A0407	WC-E0112
0078	2	TT-C820A	Temperature Indicator Transmitter	Hydrogen Peroxide Feed Tank TKC820A Temperature					Wall/ Stand	E&I Contractor	E&I Contractor	Remote mounted inidicator	I131	WC-P0001	WB-A0465		WC-E0112
0079	1	FT-C840A	Flow Indicator Transmitter	Hydrogen Peroxide Metering Pump P-C840A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0002	WB-A0456		WC-E0112
0080	1	FI-C840A	Flow Indicator	Service Water to PC840A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0002			WC-E0112
0081	1	FS-C840A	Flow Switch	Service Water to PC840A Low Flow					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002	WB-A0463		WC-E0112
0082	3	PI-C840A	Pressure Indicator	Hydrogen Peroxide Dosing Pump PC840A Outlet Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0002		WB-M0464	WC-E0112
0083	1	SOL-C840A	Solenoid Valve	Service Water to PC840A Discharge Flow Control Valve					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002			WC-E0112
0084	1	FT-C850A	Flow Indicator Transmitter	Hydrogen Peroxide Metering Pump P-C850A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0002	WB-A0456		WC-E0112
0085	1	FI-C850A	Flow Indicator	Service Water to PC850A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0002			WC-E0112
0086	1	FS-C850A	Flow Switch	Service Water to PC850A Low Flow					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002	WB-A0463		WC-E0112
0087	3	PI-C850A	Pressure Indicator	Hydrogen Peroxide Dosing Pump PC850A Outlet Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0002		WB-M0464	WC-E0112
0088	1	SOL-C850A	Solenoid Valve	Service Water to PC850A Discharge Flow Control Valve					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002			WC-E0112
0089	1	FT-C860A	Flow Indicator Transmitter	Hydrogen Peroxide Metering Pump P-C860A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0002	WB-A0456		WC-E0112
0090	1	FI-C860A	Flow Indicator	Service Water to PC860A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0002			WC-E0112
0091	1	FS-C860A	Flow Switch	Service Water to PC860A Low Flow					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002	WB-A0463		WC-E0112
0092	3	PI-C860A	Pressure Indicator	Hydrogen Peroxide Dosing Pump PC860A Outlet Pressure					Skid	Vendor Package	Mech. Contractor		I112	WC-P0002		WB-M0464	WC-E0112
0093	1	SOL-C860A	Solenoid Valve	Service Water to PC860A Discharge Flow Control Valve					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0002			WC-E0112
0094	1	LE-C940B	Level Element	Sodium Bisulphite Feed Tank Level					Flange	E&I Contractor	E&I Contractor		I120	WC-P0003	WB-A0455	WB-A0401	WC-E0112
0095	1	LT-C940B	Level Indicator Transmitter	Sodium Bisulphite Feed Tank Level			120V	0-1.8 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WC-P0003	WB-A0455	WB-A0402	WC-E0112
0096	1	FT-C950A	Flow Indicator Transmitter	Sodium Bisulphite Metering Pump P-C950A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0004	WB-A0456		WC-E0112
0097	1	FI-C950A	Flow Indicator	Service Water to P-C950A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0004			WC-E0112
0098	1	FS-C950A	Flow Switch	Service Water to P-C950A Low Flow					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0004	WB-A0463		WC-E0112
0099	3	PI-C950A	Pressure Indicator	Sodium Bisulphite Pump PC950A Outlet Pressure Indicator					Skid	Vendor Package	Mech. Contractor		I112	WC-P0004		WB-M0464	WC-E0112
0100	1	SOL-C950A	Solenoid Valve	Service Water to P-C950A Discharge Flow Control Valve					Skid	Mech. Contractor	Mech. Contractor	Wired to local panel		WC-P0004			WC-E0112
0101	1	FT-C960A	Flow Indicator Transmitter	Sodium Bisulphite Metering Pump P-C960A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0004	WB-A0456		WC-E0112
0102	1	FI-C960A	Flow Indicator	Service Water to P-C960A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0004			WC-E0112
0103	1	FS-C960A	Flow Switch	Service Water to P-C960A Low Flow					Skid	Vendor Package	Mech. Contractor			WC-P0004	WB-A0463		WC-E0112
0104	3	PI-C960A	Pressure Indicator	Sodium Bisulphite Pump PC960A Outlet Pressure Indicator					Skid	Vendor Package	Mech. Contractor		I112	WC-P0004		WB-M0464	WC-E0112
0105	1	SOL-C960A	Solenoid Valve	Service Water to P-C960A Discharge Flow Control Valve					Skid	Mech. Contractor	Mech. Contractor			WC-P0004			WC-E0112
0106	1	FT-C970A	Flow Indicator Transmitter	Sodium Bisulphite Metering Pump P-C970A Outlet Flow Rate			24V DC		Skid	Vendor Package	Mech. Contractor	Compact 6mm Inline flow meter. Pre wired to local panel	I102	WC-P0004	WB-A0456		WC-E0112
0107	1	FI-C970A	Flow Indicator	Service Water to P-C970A Flow Indicator					Skid	Vendor Package	Mech. Contractor	Rotameter Complete With Low Flow Switch		WC-P0004			WC-E0112

INSTRUMENT INDEX

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			INSTRUMENT TYPE	SERVICE													
0108	1	FS-C970A	Flow Switch	Service Water to P-C970A Low Flow					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0004	WB-A0463		WC-E0112
0109	3	PI-C970A	Pressure Indicator	Sodium Bisulphite Pump PC970 Outlet Pressure Indicator					Skid	Vendor Package	Mech. Contractor		I112	WC-P0004		WB-M0464	WC-E0112
0110	1	SOL-C970A	Solenoid Valve	Service Water to P-C970A Discharge Flow Control Valve					Skid	Vendor Package	Mech. Contractor	Wired to local panel		WC-P0004			WC-E0112
0111	1	LS-C980A	Conductivity Level Switch	Sodium Bisulphite Spill Containment High Level			120V	6mm from floor of containment	Bracket	E&I Contractor	E&I Contractor	To measure any liquid in containment	I126	WC-P0003	WB-A0458	N/A	WC-E0112
0112	1	PT-F010A	Pressure Indicator Transmitter	Filter Air Scour Blower BLWF010A Inlet Air Filter Differential Pressure			Loop Powered	0-100 Kpa	Manifold	Vendor Package	Mech. Contractor		I111	WF-P0010	WB-A0465		WF-E0134
0113	3	PI-F010A	Pressure Indicator	Filter Air Scour Blower BLWF010A Outlet Air Pressure						Vendor Package	Mech. Contractor		I112	WF-P0010		WB-M0464	WF-M0406
0114	1	PT-F010B	Pressure Indicator Transmitter	Filter Air Scour Blower BLWF010A Outlet Air Pressure			Loop Powered	0-180 Kpa	Manifold	Vendor Package	Mech. Contractor		I111	WF-P0010	WB-A0465		WF-E0134
0115	1	TT-F010A	Temperature Indicator Transmitter (Thermistor)	Filter Air Scour Blower BLWF010A Winding Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010			WF-E0134
0116	1	TT-F010B	Temperature Indicator Transmitter (RTD)	Filter Air Scour Blower BLWF010A Bearing Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010	WB-A0465	WB-A0407	WF-E0134
0117	1	TT-F010C	Temperature Indicator Transmitter (RTD)	Filter Air Scour Blower BLWF010A Bearing Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010	WB-A0465	WB-A0407	WF-E0134
0118	1	TI-F010A	Temperature Indicator	Filter Air Scour Blower BLWF010A Outlet Air Temperature						Vendor Package	Mech. Contractor		I131	WF-P0010			WF-M0406
0119	1	VI-F010A	Vibration Transmitter	Filter Air Scour Blower BLWF010A Vibration Monitor						Vendor Package	Mech. Contractor	Wired to local panel		WF-P0010			WF-E0134
0120	1	PT-F020A	Pressure Indicator Transmitter	Filter Air Scour Blower BLWF020A Inlet Air Filter Differential Pressure			Loop Powered	0-100 Kpa	Manifold	Vendor Package	Mech. Contractor		I111	WF-P0010	WB-A0465		WF-E0134
0121	3	PI-F020A	Pressure Indicator	Filter Air Scour Blower BLWF020A Outlet Air Pressure						Vendor Package	Mech. Contractor		I112	WF-P0010		WB-M0464	WF-M0406
0122	1	PT-F020B	Pressure Indicator Transmitter	Filter Air Scour Blower BLWF020A Outlet Air Pressure			Loop Powered	0-180 Kpa	Manifold	Vendor Package	Mech. Contractor		I111	WF-P0010	WB-A0465		WF-E0134
0123	1	TT-F020A	Temperature Indicator Transmitter (Thermistor)	Filter Air Scour Blower BLWF020A Winding Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010			WF-E0134
0124	1	TT-F020B	Temperature Indicator Transmitter (RTD)	Filter Air Scour Blower BLWF020A Bearing Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010	WB-A0465	WB-A0407	WF-E0134
0125	1	TT-F020C	Temperature Indicator Transmitter (RTD)	Filter Air Scour Blower BLWF020A Bearing Temperature						Vendor Package	Mech. Contractor	Wired to MCC	I131	WF-P0010	WB-A0465	WB-A0407	WF-E0134
0126	1	TI-F020A	Temperature Indicator	Filter Air Scour Blower BLWF020A Outlet Air Temperature				0-180 Kpa		Vendor Package	Mech. Contractor		I131	WF-P0010			WF-M0406
0127	1	VT-F020A	Vibration Transmitter	Filter Air Scour Blower BLWF020A High Vibration						Vendor Package	Mech. Contractor	Wired to local panel		WF-P0010			WF-E0134
0128	2	FE-F030A	Flow Element	Filter Air Scour Blower Outlet Flow					Flange	E&I Contractor	Mech. Contractor	350mm V cone flowmeter		WF-P0010			WF-M0406
0129	2	FT-F030A	Flow Indicator Transmitter	Filter Air Scour Blower Outlet Flow			Loop Powered		Wall/Stand	E&I Contractor	E&I Contractor	Differential pressure transmitter with temp compensation	I110	WF-P0010	WB-A0465		WF-E0134
0130	1	TT-F030A	Temperature Indicator Transmitter	Filter Air Scour Blower Outlet Temperature			Loop Powered			E&I Contractor	E&I Contractor	RTD with head mounted transmitter indicator	I131	WF-P0010			WF-E0134
0131	1	LT-F050A	Level Indicator Transmitter	Filtered Water Chamber Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0011	WB-A0455	WB-A0402	WF-E0123
0132	1	LE-F050A	Level Element	Filtered Water Chamber Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0011	WB-A0455	WB-A0401	WF-E0123
0133	1	FS-F055A	Flow Switch	Chlorine Contact Tank to Supernatant Pump Station Drain Pump Outlet Flow						E&I Contractor	E&I Contractor		I105	WF-P0012			WF-M0407
0134	1	AE-F056A	Free Chlorine Sensor	Chlorine Contact Tank Outlet Free Chlorine Measurement						E&I Contractor	E&I Contractor		I170	WF-P0011			WF-E0103
0135	1	AT-F056A	Free Chlorine Analyzer	Chlorine Contact Tank Outlet Free Chlorine Measurement						E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I170	WF-P0011			WF-E0103
0136	1	FI-F056A	Flow Indicator	Chlorine Contact Tank Outlet Free Chlorine Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0011			WF-E0103
0137	1	FS-F056A	Flow Switch	Chlorine Contact Tank Outlet Free Chlorine Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0011			WF-E0103
0138	1	LT-F100A	Level Indicator Transmitter	Filter No. 1 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0001	WB-A0455	WB-A0402	WF-E0133
0139	1	LE-F100A	Level Element	Filter No. 1 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0001	WB-A0455	WB-A0401	WF-E0133
0140	2	PT-F100A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0001	WB-A0465	WF-M0451	WF-E0103
0141	3	PI-F100B	Differential Pressure Indicator	Top Filter Media Differential Pressure				0-250 Kpa		Mech. Contractor	Mech. Contractor		I110	WF-P0001		WF-M0451	

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0142	3	PI-F100C	Differential Pressure Indicator	Bottom Filter Media Differential Pressure				0-250 Kpa		Mech. Contractor	Mech. Contractor		I110	WF-P0001		WF-M0451	
0143	2	FT-F103A	Flow Indicator Transmitter	Filter TKF100A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0001	WB-A0453	WB-A0402	WF-E0103
0144	2	FE-F103A	Flow Element	Filter TKF100A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0001	WB-A0453	WB-A0453	WF-M0401
0145	2	AT-F110A	Turbidity Analyzer/ Transmitter	Filter TKF100A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0001	WB-A0459	WF-M0452	WF-E0103
0146	2	AT-F110B	Particle Counter Transmitter	Filter TKF100A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0001		WF-M0452	WF-E0103
0147	1	FI-F110A	Flow Indicator	Filter TKF100A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0001		WF-M0452	WF-E0103
0148	1	FS-F110A	Flow Switch	Filter TKF100A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0001	WB-A0463	WF-M0452	WF-E0103
0149	1	FI-F110B	Flow Indicator	Filter TKF100A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0001		WF-M0452	WF-E0103
0150	1	FS-F110B	Flow Switch	Filter TKF100A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0001	WB-A0463	WF-M0452	WF-E0103
0151	1	LT-F200A	Level Indicator Transmitter	Filter No. 2 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0002	WB-A0455	WB-A0402	WF-E0133
0152	1	LE-F200A	Level Element	Filter No. 2 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0002	WB-A0455	WB-A0401	WF-E0133
0153	2	PT-F200A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0002	WB-A0465	WF-M0451	WF-E0103
0154	2	FT-F203A	Flow Indicator Transmitter	Filter TKF200A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0002	WB-A0453	WB-A0402	WF-E0103
0155	2	FE-F203A	Flow Element	Filter TKF200A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0002	WB-A0453	WB-A0453	WF-M0402
0156	2	AT-F210A	Turbidity Analyzer/ Transmitter	Filter TKF200A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0002	WB-A0459	WB-A0459	WF-M0452
0157	2	AT-F210B	Particle Counter Transmitter	Filter TKF200A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0002		WF-M0452	WF-E0103
0158	1	FI-F210A	Flow Indicator	Filter TKF200A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0002		WF-M0452	WF-E0103
0159	1	FS-F210A	Flow Switch	Filter TKF200A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0002	WB-A0463	WF-M0452	WF-E0103
0160	1	FI-F210B	Flow Indicator	Filter TKF200A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0002		WF-M0452	WF-E0103
0161	1	FS-F210B	Flow Switch	Filter TKF200A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0002	WB-A0463	WF-M0452	WF-E0103
0162	1	LT-F300A	Level Indicator Transmitter	Filter No. 3 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0003	WB-A0455	WB-A0402	WF-E0133
0163	1	LE-F300A	Level Element	Filter No. 3 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0003	WB-A0455	WB-A0401	WF-E0133
0164	2	PT-F300A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0003	WB-A0465	WF-M0451	WF-E0103
0165	2	FT-F303A	Flow Indicator Transmitter	Filter TKF300A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0003	WB-A0453	WB-A0402	WF-E0103
0166	2	FE-F303A	Flow Element	Filter TKF300A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0003	WB-A0453	WB-A0453	WF-M0402
0167	2	AT-F310A	Turbidity Analyzer/ Transmitter	Filter TKF300A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0003	WB-A0459	WB-A0459	WF-M0452
0168	2	AT-F310B	Particle Counter Transmitter	Filter TKF300A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0003		WF-M0452	WF-E0103
0169	1	FI-F310A	Flow Indicator	Filter TKF300A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0003		WF-M0452	WF-E0103
0170	1	FS-F310A	Flow Switch	Filter TKF300A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0003	WB-A0463	WF-M0452	WF-E0103
0171	1	FI-F310B	Flow Indicator	Filter TKF300A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0003		WF-M0452	WF-E0103
0172	1	FS-F310B	Flow Switch	Filter TKF300A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0003	WB-A0463	WF-M0452	WF-E0103
0173	1	LT-F400A	Level Indicator Transmitter	Filter No. 4 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0004	WB-A0455	WB-A0402	WF-E0133
0174	1	LE-F400A	Level Element	Filter No. 4 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0004	WB-A0455	WB-A0401	WF-E0133
0175	2	PT-F400A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0004	WB-A0465	WF-M0451	WF-E0103
0176	2	FT-F403A	Flow Indicator Transmitter	Filter TKF400A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0004	WB-A0453	WB-A0402	WF-E0103
0177	2	FE-F403A	Flow Element	Filter TKF400A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0004	WB-A0453	WB-A0453	WF-M0403

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0178	2	AT-F410A	Turbidity Analyzer/ Transmitter	Filter TKF400A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0004	WB-A0459	WB-A0459	WF-M0452
0179	2	AT-F410B	Particle Counter Transmitter	Filter TKF400A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0004		WF-M0452	WF-E0103
0180	1	FI-F410A	Flow Indicator	Filter TKF400A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0004		WF-M0452	WF-E0103
0181	1	FS-F410A	Flow Switch	Filter TKF400A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0004	WB-A0463	WF-M0452	WF-E0103
0182	1	FI-F410B	Flow Indicator	Filter TKF400A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0004		WF-M0452	WF-E0103
0183	1	FS-F410B	Flow Switch	Filter TKF400A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0004	WB-A0463	WF-M0452	WF-E0103
0184	1	LT-F500A	Level Indicator Transmitter	Filter No. 5 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0005	WB-A0455	WB-A0402	WF-E0134
0185	1	LE-F500A	Level Element	Filter No. 5 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0005	WB-A0455	WB-A0401	WF-E0134
0186	2	PT-F500A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0005	WB-A0465	WF-M0451	WF-E0104
0187	2	FI-F503A	Flow Indicator Transmitter	Filter TKF500A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0005	WB-A0453	WB-A0402	WF-E0104
0188	2	FE-F503A	Flow Element	Filter TKF500A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0005	WB-A0453	WB-A0453	WF-M0403
0189	2	AT-F510A	Turbidity Analyzer/ Transmitter	Filter TKF500A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0005	WB-A0459	WB-A0459	WF-E0104
0190	2	AT-F510B	Particle Counter Transmitter	Filter TKF500A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0005		WF-M0452	WF-E0104
0191	1	FI-F510A	Flow Indicator	Filter TKF500A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0005		WF-M0452	WF-E0104
0192	1	FS-F510A	Flow Switch	Filter TKF500A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0005	WB-A0463	WF-M0452	WF-E0104
0193	1	FI-F510B	Flow Indicator	Filter TKF500A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0005		WF-M0452	WF-E0104
0194	1	FS-F510B	Flow Switch	Filter TKF500A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0005	WB-A0463	WF-M0452	WF-E0104
0195	1	LT-F600A	Level Indicator Transmitter	Filter No. 6 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0006	WB-A0455	WB-A0402	WF-E0134
0196	1	LE-F600A	Level Element	Filter No. 6 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0006	WB-A0455	WB-A0401	WF-E0134
0197	2	PT-F600A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0006	WB-A0465	WF-M0451	WF-E0104
0198	2	FI-F603A	Flow Indicator Transmitter	Filter TKF600A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0006	WB-A0453	WB-A0402	WF-E0104
0199	2	FE-F603A	Flow Element	Filter TKF600A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0006	WB-A0453	WB-A0453	WF-M0403
0200	2	AT-F610A	Turbidity Analyzer/ Transmitter	Filter TKF600A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0006	WB-A0459	WB-A0459	WF-E0104
0201	2	AT-F610B	Particle Counter Transmitter	Filter TKF600A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0006		WF-M0452	WF-E0104
0202	1	FI-F610A	Flow Indicator	Filter TKF600A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0006		WF-M0452	WF-E0104
0203	1	FS-F610A	Flow Switch	Filter TKF600A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0006	WB-A0463	WF-M0452	WF-E0104
0204	1	FI-F610B	Flow Indicator	Filter TKF600A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0006		WF-M0452	WF-E0104
0205	1	FS-F610B	Flow Switch	Filter TKF600A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0006	WB-A0463	WF-M0452	WF-E0104
0206	1	LT-F700A	Level Indicator Transmitter	Filter No. 7 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0007	WB-A0455	WB-A0402	WF-E0134
0207	1	LE-F700A	Level Element	Filter No. 7 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0007	WB-A0455	WB-A0401	WF-E0134
0208	2	PT-F700A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0007	WB-A0465	WF-M0451	WF-E0104
0209	2	FI-F703A	Flow Indicator Transmitter	Filter TKF700A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0007	WB-A0453	WB-A0402	WF-E0104
0210	2	FE-F703A	Flow Element	Filter TKF700A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0007	WB-A0453	WB-A0453	WF-M0404
0211	2	AT-F710A	Turbidity Analyzer/ Transmitter	Filter TKF700A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0007	WB-A0459	WB-A0459	WF-E0104
0212	2	AT-F710B	Particle Counter Transmitter	Filter TKF700A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0007		WF-M0452	WF-E0104

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0213	1	FI-F710A	Flow Indicator	Filter TKF700A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0007		WF-M0452	WF-E0104
0214	1	FS-F710A	Flow Switch	Filter TKF700A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0007	WB-A0463	WF-M0452	WF-E0104
0215	1	FI-F710B	Flow Indicator	Filter TKF700A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0007		WF-M0452	WF-E0104
0216	1	FS-F710B	Flow Switch	Filter TKF700A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0007	WB-A0463	WF-M0452	WF-E0104
0217	1	LT-F800A	Level Indicator Transmitter	Filter No. 8 Level			120V	0-10 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0008	WB-A0455	WB-A0402	WF-E0134
0218	1	LE-F800A	Level Element	Filter No. 8 Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0008	WB-A0455	WB-A0401	WF-E0134
0219	2	PT-F800A	Differential Pressure Indicator Transmitter	Overall Filter Differential Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I110	WF-P0008	WB-A0465	WF-M0451	WF-E0104
0220	3	PI-F800B	Differential Pressure Indicator	Top Filter Media Differential Pressure				0-250 Kpa		Mech. Contractor	Mech. Contractor		I110	WF-P0008		WF-M0451	
0221	3	PI-F800C	Differential Pressure Indicator	Bottom Filter Media Differential Pressure				0-250 Kpa		Mech. Contractor	Mech. Contractor		I110	WF-P0008		WF-M0451	
0222	2	FI-F803A	Flow Indicator Transmitter	Filter TKF800A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0008	WB-A0453	WB-A0402	WF-E0104
0223	2	FE-F803A	Flow Element	Filter TKF800A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0008	WB-A0453	WB-A0453	WF-M0404
0224	2	AT-F810A	Turbidity Analyzer/ Transmitter	Filter TKF800A Outlet Turbidity				0-1 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WF-P0008	WB-A0459	WF-M0452	WF-E0104
0225	2	AT-F810B	Particle Counter Transmitter	Filter TKF800A Outlet Particle Count				0-2500 particles with 2-50 micron threshold		E&I Contractor	E&I Contractor		I164	WF-P0008		WF-M0452	WF-E0104
0226	1	FI-F810A	Flow Indicator	Filter TKF800A Outlet Turbidity Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0008		WF-M0452	WF-E0104
0227	1	FS-F810A	Flow Switch	Filter TKF800A Outlet Turbidity Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0008	WB-A0463	WF-M0452	WF-E0104
0228	1	FI-F810B	Flow Indicator	Filter TKF800A Outlet Particle Counter Sample Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WF-P0008		WF-M0452	WF-E0104
0229	1	FS-F810B	Flow Switch	Filter TKF800A Outlet Particle Counter Sample Flow Low						E&I Contractor	E&I Contractor			WF-P0008	WB-A0463	WF-M0452	WF-E0104
0230	2	PT-F910A	Pressure Indicator/Level Transmitter	Backwash Tank TNKF910A Level			Loop Powered	0-180 Kpa	Flange	E&I Contractor	E&I Contractor	Flange mounted pressure transmitter measuring level in tank	I111	WF-P0009	WB-A0465	WB-A0408	WF-E0102
0231	2	FI-F911A	Flow Indicator Transmitter	Filter Backwash Pump P-F911A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0009	WB-A0453	WB-A0402	WF-E0103
0232	2	FE-F911A	Flow Element	Filter Backwash Pump P-F911A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0009	WB-A0453	WB-A0453	WF-E0103
0233	3	PI-F911A	Pressure Indicator	Filter Backwash Pump P-F911A Outlet Pressure						Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WF-P0009		WB-M0464	WF-E0103
0234	1	PS-F911A	Pressure Switch	Filter Backwash Pump P-F911A High Outlet Pressure						E&I Contractor	E&I Contractor	Wired to local panel	I115	WF-P0009			WF-E0103
0235	1	PT-F911A	Pressure Indicator Transmitter	Filter Backwash Pump P-F911A Outlet Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I111	WF-P0009	WB-A0465		WF-E0103
0236	1	TT-F911A	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0237	1	TT-F911B	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0238	1	TT-F911C	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0239	1	TT-F911D	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0240	1	TT-F911E	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0241	1	TT-F911F	Temperature Transmitter	Filter Backwash Pump P-F911A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0242	1	TT-F911G	Temperature Transmitter	Filter Backwash Pump P-F911A Front Bearing Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0243	1	TT-F911H	Temperature Transmitter	Filter Backwash Pump P-F911A Back Bearing Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0103
0244	1	TT-F911A	Temperature Indicator Transmitter	Filter Backwash Pump P-F911A Outlet Temperature						E&I Contractor	E&I Contractor		I131	WF-P0009			WF-E0103
0245	2	TE-F911A	Temperature Element	Filter Backwash Pump P-F911A Outlet Temperature					Thermowell	E&I Contractor	E&I Contractor		I131	WF-P0009			WF-E0103
0246	1	VI-F911A	Vibration Transmitter	Filter Backwash Pump P-F911A Vibration						Vendor Package	Mech. Contractor	Wired to local panel		WF-P0013			WF-E0103
0247	2	PT-F920A	Pressure Indicator/Level Transmitter	Backwash Tank TNKF920A Level			Loop Powered	0-180 Kpa	Flange	E&I Contractor	E&I Contractor	Flange mounted pressure transmitter measuring level in tank	I120	WF-P0009	WB-A0465	WB-A0408	WF-E0104
0248	2	FI-F921A	Flow Indicator Transmitter	Filter Backwash Pump P-F921A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0009	WB-A0453	WB-A0402	WF-E0104
0249	2	FE-F921A	Flow Element	Filter Backwash Pump P-F921A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	600 mm	I100	WF-P0009	WB-A0453	WB-A0453	WF-E0104

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0250	3	PI-F921A	Pressure Indicator	Filter Backwash Pump P-F921A Outlet Pressure						Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WF-P0009		WB-M0464	WF-E0104
0251	1	PS-F921A	Pressure Switch	Filter Backwash Pump P-F921A High Outlet Pressure						E&I Contractor	E&I Contractor	Wired to local panel	I115	WF-P0009			WF-E0104
0252	1	PT-F921A	Pressure Indicator Transmitter	Filter Backwash Pump P-F921A Outlet Pressure			Loop Powered	0-180 Kpa	Manifold	E&I Contractor	E&I Contractor		I111	WF-P0009	WB-A0465		WF-E0104
0253	1	TT-F921A	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0254	1	TT-F921B	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0255	1	TT-F921C	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0256	1	TT-F921D	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0257	1	TT-F921E	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0258	1	TT-F921F	Temperature Transmitter	Filter Backwash Pump P-F921A Winding Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0259	1	TT-F921G	Temperature Transmitter	Filter Backwash Pump P-F921A Front Bearing Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0260	1	TT-F921H	Temperature Transmitter	Filter Backwash Pump P-F921A Back Bearing Temperature						Vendor Package	Mech. Contractor	Wired to local panel	I131	WF-P0013			WF-E0104
0261	1	TT-F921A	Temperature Indicator Transmitter	Filter Backwash Pump P-F921 Outlet Temperature						E&I Contractor	E&I Contractor		I131	WF-P0009			WF-E0104
0262	2	TE-F921A	Temperature Element	Filter Backwash Pump P-F921 Outlet Temperature					Thermowell	E&I Contractor	E&I Contractor		I131	WF-P0009			WF-E0104
0263	1	VT-F921A	Vibration Transmitter	Filter Backwash Pump P-F921A Vibration						Vendor Package	Mech. Contractor	Wired to local panel		WF-P0013			WF-E0104
0264	0	LE-F980A	Level Element	Backwash Area Process Sump Pump Level					Flange	E&I Contractor	E&I Contractor	Mounted above grating	I120	WF-P0012	WB-A0455	WB-A0401	WF-E0104
0265	0	LI-F980A	Level Indicator Transmitter	Backwash Area Process Sump Pump Level			120V	0-3 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0012	WB-A0455	WB-A0402	WF-E0104
0266	0	LE-F980B	Level Element	Backwash Area Process Sump Pump Level					Flange	E&I Contractor	E&I Contractor		I120	WF-P0012	WB-A0455	WB-A0401	WF-E0104
0267	0	LI-F980B	Level Indicator Transmitter	Backwash Area Process Sump Pump Level			120V	0-3 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WF-P0012	WB-A0455	WB-A0402	WF-E0104
0268	0	LS-F984A	Conductivity Level Switch	Backwash Area Process Sump Pump P-F984A Stop Leve			120V		Flange	E&I Contractor	E&I Contractor		I126	WF-P0012	WB-A0458	N/A	WF-E0104
0269	0	LS-F984B	Conductivity Level Switch	Backwash Area Process Sump Pump P-F984A Start Leve			120V		Flange	E&I Contractor	E&I Contractor		I126	WF-P0012	WB-A0458	N/A	WF-E0104
0270	2	FS-H120A	Flow Switch	Sprinkler and Standpipes Fire Pump Outlet Flow						E&I Contractor	Mech. Contractor		TBC	WH-P0006			WM-E0112
0271	2	FS-H130A	Flow Switch	Outdoor Hydrant Emergency Pump Outlet Flow						E&I Contractor	Mech. Contractor		TBC	WH-P0006			WM-E0112
0272	2	FE-H153A	Flow Element	Fire Pump Test Line Flow						E&I Contractor	Mech. Contractor	200 mm	I100	WH-P0006			WM-E0112
0273	2	FT-H153A	Flow Indicator Transmitter	Fire Pump Test Line Flow					Wall/Stand	E&I Contractor	E&I Contractor		I100	WH-P0006	WB-A0465		WM-E0112
0274	1	LE-H400A	Level Element	Fire Pump Room Process Sump Level						E&I Contractor	E&I Contractor		I120	WH-P0007	WB-A0455	WB-A0401	WM-E0112
0275	1	LI-H400A	Level Indicator Transmitter	Fire Pump Room Process Sump Level			120V	0-2 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WH-P0007	WB-A0455	WB-A0402	WM-E0112
0276	1	LE-H400B	Level Element	Fire Pump Room Process Sump Level						E&I Contractor	E&I Contractor		I120	WH-P0007	WB-A0455	WB-A0401	WM-E0112
0277	1	LI-H400B	Level Indicator Transmitter	Fire Pump Room Process Sump Level			120V	0-2 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WH-P0007	WB-A0455	WB-A0402	WM-E0112
0278	1	LS-H500A	Level Switch	Fire Pump Room Sanitary Sump Low Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0001	WB-A0463	WB-A0406	WM-E0112
0279	1	LS-H500B	Level Switch	Fire Pump Room Sanitary Sump Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0001	WB-A0463	WB-A0406	WM-E0112
0280	1	LS-H500C	Level Switch	Fire Pump Room Sanitary Sump High High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0001	WB-A0463	WB-A0406	WM-E0112
0281	1	LS-H500D	Level Switch	Fire Pump Room Sanitary Sump High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0001	WB-A0463	WB-A0406	WM-E0112
0282	1	LS-H510A	Level Switch	Backwash Pump Gallery Sanitary Sump Low Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0002	WB-A0463	WB-A0406	WF-E0104
0283	1	LS-H510B	Level Switch	Backwash Pump Gallery Sanitary Sump Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0002	WB-A0463	WB-A0406	WF-E0104
0284	1	LS-H510C	Level Switch	Backwash Pump Gallery Sanitary Sump High High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0002	WB-A0463	WB-A0406	WF-E0104
0285	1	LS-H510D	Level Switch	Backwash Pump Gallery Sanitary Sump High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0002	WB-A0463	WB-A0406	WF-E0104
0286	1	LS-H520A	Level Switch	Elevator Pit Sanitary Sump Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0003	WB-A0463	WB-A0406	WA-E0102
0287	1	LS-H520B	Level Switch	Elevator Pit Sanitary Sump High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0003	WB-A0463	WB-A0406	WA-E0102
0288	1	LS-H530A	Level Switch	Admin Area Sanitary Sump Low Low Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0004	WB-A0463	WB-A0406	WA-E0102
0289	1	LS-H530B	Level Switch	Admin Area Sanitary Sump High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0004	WB-A0463	WB-A0406	WA-E0102
0290	1	LS-H530C	Level Switch	Admin Area Sanitary Sump High High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0004	WB-A0463	WB-A0406	WA-E0102
0291	1	LS-H530D	Level Switch	Admin Area Sanitary Sump High Level Switch			120V			Vendor Package	E&I Contractor	Wired to local control panel	I125	WH-P0004	WB-A0463	WB-A0406	WA-E0102
0292	1	PS-H601A	Pressure Switch	Wet Air Receiver PV-H601A High Pressure						Vendor Package	Mech. Contractor	Wired to local control panel		WH-P0008			WF-E0134
0293	1	PS-H601B	Pressure Switch	Wet Air Receiver PV-H601B Low Pressure						Vendor Package	Mech. Contractor	Wired to local control panel		WH-P0008			WF-E0134
0294	1	PS-H602A	Pressure Switch	Wet Air Receiver PV-H602A High Pressure						Vendor Package	Mech. Contractor	Wired to local control panel		WH-P0008			WF-E0134
0295	1	PS-H602B	Pressure Switch	Wet Air Receiver PV-H602B Low Pressure						Vendor Package	Mech. Contractor	Wired to local control panel		WH-P0008			WF-E0134
0296	1	PS-H605A	Pressure Switch	Dry Air Receiver PV-H605A High Pressure						Mech. Contractor	Mech. Contractor			WH-P0008	WBA0463		WF-E0134

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0297	1	PS-H605B	Pressure Switch	Dry Air Receiver PV-H605A Low Pressure						Mech. Contractor	Mech. Contractor			WH-P0008	WBA0463		WF-E0134
0298	1	PT-H701A	Pressure Indicator Transmitter	Potable Water to Clearwell Area Pressure			Loop Powered	0-500 Kpa	Gauge Valve	E&I Contractor	E&I Contractor		I111	WH-P0005	WB-A0465		WA-E0102
0299	1	PT-H704A	Pressure Indicator Transmitter	Potable Water to Water Treatment Plant Pressure			Loop Powered	0-500 Kpa	Gauge Valve	E&I Contractor	E&I Contractor		I111	WH-P0005	WB-A0465		WA-E0102
0300	1	LT-I000A	Level Indicator Transmitter	Raw Water Pumping Station Level			120V	0-12 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WI-P0001	WB-A0455	WB-A0402	WI-E0132
0301	1	LE-I000A	Level Element	Raw Water Pumping Station Level					Flange	E&I Contractor	E&I Contractor		I120	WI-P0001	WB-A0455	WB-A0401	WI-E0132
0302	1	LE-I000B	Level Element	Raw Water Pumping Station Level					Flange	E&I Contractor	E&I Contractor		I120	WI-P0002	WB-A0455	WB-A0401	WI-E0132
0303	1	LT-I000B	Level Indicator Transmitter	Raw Water Pumping Station Level			120V	0-12 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WI-P0002	WB-A0455	WB-A0402	WI-E0132
0304	1	LS-I000A	Level Switch	Raw Water Pumping Station Low Low Level			120V	3 mtrs	Bracket	E&I Contractor	E&I Contractor	Measured from floor of well	I125	WI-P0001	WB-A0463	WB-A0406	WI-E0132
0305	1	LS-I000B	Level Switch	Raw Water Pumping Station Low Low Level			120V	3 mtrs	Bracket	E&I Contractor	E&I Contractor	Measured from floor of well	I125	WI-P0002	WB-A0463	WB-A0406	WI-E0132
0306	1	LS-I000C	Level Switch	Raw Water Pumping Station High High Level			120V	12.4 mtrs	Bracket	E&I Contractor	E&I Contractor	Measured from floor of well	I125	WI-P0001	WB-A0463	WB-A0406	WI-E0132
0307	1	LS-I000D	Level Switch	Raw Water Pumping Station High High Level			120V	12.4 mtrs	Bracket	E&I Contractor	E&I Contractor	Measured from floor of well	I125	WI-P0002	WB-A0463	WB-A0406	WI-E0132
0308	3	PI-I001A	Pressure Indicator	Raw Water Pump P-I001A Outlet Pressure				0-200Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0001		WB-M0464	WI-M0201
0309	3	PI-I001B	Pressure Indicator	Raw Water Pump P-I001A Outlet Pressure				0-300Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0001		WB-M0464	WI-M0201
0310	1	ST-I001A	Speed Indicator Transmitter	Raw Water Pump P-I001A Speed Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0003			WI-E0132
0311	1	TE-I001A	Temperature Element	Raw Water Pump P-I001A Top Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0312	1	TE-I001B	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0313	1	TE-I001C	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0314	1	TE-I001D	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0315	1	TE-I001E	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0316	1	TE-I001F	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0317	1	TE-I001G	Temperature Element	Raw Water Pump P-I001A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0318	1	TE-I001H	Temperature Element	Raw Water Pump P-I001A Bottom Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0319	1	TE-I001I	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0003	WB-A0466		WI-E0132
0320	2	TT-I001I	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	Supply Contractor	Head mounted		WI-P0003			WI-E0132
0321	1	TE-I001J	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0003			WI-E0132
0322	2	TT-I001J	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	Supply Contractor	Head mounted		WI-P0003			WI-E0132
0323	1	VT-I001A	Vibration Indication Transmitter	Raw Water Pump P-I001A Vibration Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0003			WI-E0132
0324	3	PI-I002A	Pressure Indicator	Raw Water Pump P-I002A Outlet Pressure				0-200Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0001		WB-M0464	WI-M0201
0325	3	PI-I002B	Pressure Indicator	Raw Water Pump P-I002A Outlet Pressure				0-300Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0001		WB-M0464	WI-M0201
0326	1	ST-I002A	Speed Indicator Transmitter	Raw Water Pump P-I002A Speed Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0003			WI-E0132
0327	1	TE-I002A	Temperature Element	Raw Water Pump P-I002A Top Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0328	1	TE-I002B	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0329	1	TE-I002C	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0330	1	TE-I002D	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0331	1	TE-I002E	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0332	1	TE-I002F	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0333	1	TE-I002G	Temperature Element	Raw Water Pump P-I002A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0334	1	TE-I002H	Temperature Element	Raw Water Pump P-I002A Bottom Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0003	WB-A0466		WI-E0132
0335	1	TE-I002I	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0003			WI-E0132
0336	2	TT-I002I	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	Supply Contractor	Head mounted		WI-P0003			WI-E0132
0337	1	TE-I002J	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0003			WI-E0132
0338	2	TT-I002J	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	Supply Contractor	Head mounted		WI-P0003			WI-E0132
0339	1	VT-I002A	Vibration Indication Transmitter	Raw Water Pump P-I002A Vibration Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0003			WI-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0340	3	PI-I003A	Pressure Indicator	Raw Water Pump P-I003A Outlet Pressure				0-200Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0002		WB-M0464	WI-M0201
0341	3	PI-I003B	Pressure Indicator	Raw Water Pump P-I003A Outlet Pressure				0-300Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0002		WB-M0464	WI-M0201
0342	1	ST-I003A	Speed Indicator Transmitter	Raw Water Pump P-I003A Speed Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0004			WI-E0132
0343	1	TE-I003A	Temperature Element	Raw Water Pump P-I003A Top Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0344	1	TE-I003B	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0345	1	TE-I003C	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0346	1	TE-I003D	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0347	1	TE-I003E	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0348	1	TE-I003F	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0349	1	TE-I003G	Temperature Element	Raw Water Pump P-I003A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0350	1	TE-I003H	Temperature Element	Raw Water Pump P-I003A Bottom Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0351	1	TE-I003I	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0004			WI-E0132
0352	2	TT-I003I	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	E&I Contractor	Head mounted		WI-P0004			WI-E0132
0353	1	TE-I003J	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0004			WI-E0132
0354	2	TT-I003J	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	E&I Contractor	Head mounted		WI-P0004			WI-E0132
0355	1	VT-I003A	Vibration Indicator Transmitter	Raw Water Pump P-I003A Vibration Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0004			WI-E0132
0356	3	PI-I004A	Pressure Indicator	Raw Water Pump P-I004A Outlet Pressure				0-200Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0002		WB-M0464	WI-M0201
0357	3	PI-I004B	Pressure Indicator	Raw Water Pump P-I004A Outlet Pressure				0-300Kpa	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WI-P0002		WB-M0464	WI-M0201
0358	1	ST-I004A	Speed Indicator Transmitter	Raw Water Pump P-I004A Speed Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0004			WI-E0132
0359	1	TE-I004A	Temperature Element	Raw Water Pump P-I004A Top Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0360	1	TE-I004B	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0361	1	TE-I004C	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0362	1	TE-I004D	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0363	1	TE-I004E	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0364	1	TE-I004F	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0365	1	TE-I004G	Temperature Element	Raw Water Pump P-I004A Winding Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0366	1	TE-I004H	Temperature Element	Raw Water Pump P-I004A Bottom Bearing Temperature			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to pump Motor	I131	WI-P0004	WB-A0466		WI-E0132
0367	1	TE-I004I	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0004			WI-E0132
0368	2	TT-I004I	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	E&I Contractor	Head mounted		WI-P0004			WI-E0132
0369	1	TE-I004J	Temperature Element	VSD Temperature Monitor			24VDC		Motor	Supply Contractor	Supply Contractor	Fitted to VSD		WI-P0004			WI-E0132
0370	2	TT-I004J	Temperature Transmitter	VSD Temperature Monitor			120V			Supply Contractor	E&I Contractor	Head mounted		WI-P0004			WI-E0132
0371	2	VT-I004A	Vibration Indicator Transmitter	Raw Water Pump P-I004A Vibration Monitor			120V		Motor	Supply Contractor	E&I Contractor			WI-P0004			WI-E0132
0372	2	TT-I011A	Temperature Indicator Transmitter	Train 1 Raw Water Temperature				0-30 C	Head	E&I Contractor	E&I Contractor		I131	WP-P0001	WB-A0465		WA-E0102
0373	2	TE-I011A	Temperature Element	Train 1 Raw Water Temperature					Thermowell	E&I Contractor	E&I Contractor		I131	WP-P0001		WB-A0408	WA-E0102
0374	2	TT-I012A	Temperature Indicator Transmitter	Train 2 Raw Water Temperature				0-30 C	Head	E&I Contractor	E&I Contractor		I131	WP-P0001	WB-A0465		WA-E0102
0375	2	TE-I012A	Temperature Element	Train 2 Raw Water Temperature					Thermowell	E&I Contractor	E&I Contractor		I131	WP-P0001		WB-A0408	WA-E0102
0376	3	PI-I013A	Pressure Indicator	Train 1 Flash Mixing Pump P-I013A Discharge Pressure Gauge					Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0001		WB-M0464	WP-M0208
0377	3	PI-I014A	Pressure Indicator	Common Standby Ferric Chloride Dosing Flash Mixing Pump P-I014A Discharge Pressure Gauge					Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0001		WB-M0464	WP-M0208
0378	3	PI-I015A	Pressure Indicator	Train 2 Flash Mixing Pump P-I015A Discharge Pressure Gauge					Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0001		WB-M0464	WP-M0208
0379	2	FS-I017D	Flow Switch	Train 1 Ferric Chloride Dosing Flow Low					Pipe	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WA-E0102
0380	2	FS-I018D	Flow Switch	Train 2 Ferric Chloride Dosing Flow Low					Pipe	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WA-E0102

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0381	2	FS-I022E	Flow Switch	Train 1 Sulphuric Acid Dosing Flow Low					Pipe	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WA-E0102
0382	2	FS-I023E	Flow Switch	Train 2 Sulphuric Acid Dosing Flow Low					Pipe	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WA-E0102
0383	1	AE-I024B	pH Element	Raw Water pH					Backboard	E&I Contractor	E&I Contractor	Analytical instruments shall be mounted on backboards	I165	WP-P0001		WB-A0409	WA-E0102
0384	1	AT-I024B	pH Indicator Transmitter	Raw Water pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0001		WB-A0409	WA-E0102
0385	1	FI-I024B	Sample Flow Indicator	Raw Water pH Sample Flow					Backboard	E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WP-P0001		WB-A0409	
0386	1	FS-I024B	Flow Switch	Raw Water pH Low Sample Flow					Backboard	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463	WB-A0409	WP-M0214
0387	0	AT-I025B	pH Indicator Transmitter	Train 1 Post Flash Mixer Raw Water pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0001			WA-E0102
0388	0	AE-I025B	pH Element	Train 1 Post Flash Mixer Raw Water pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0001			WA-E0102
0389	0	FI-I025B	Sample Flow Indicator	Train 1 Post Flash Mixer Raw Water pH Sample Flow					Backboard	E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WP-P0001			
0390	1	FS-I025B	Flow Switch	Train 1 Post Flash Mixer Raw Water pH Low Sample Flow					Backboard	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WA-E0102
0391	1	AT-I026B	pH Indicator Transmitter	Train 2 Post Flash Mixer Raw Water pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0001	WB-A0460	WB-A0409	WP-M0111
0392	1	AE-I026B	pH Element	Train 2 Post Flash Mixer Raw Water pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0001		WB-A0409	WP-M0111
0393	0	FI-I026B	Sample Flow Indicator	Train 2 Post Flash Mixer Raw Water pH Low Sample Flow					Backboard	E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WP-P0001			
0394	1	FS-I026B	Flow Switch	Train 2 Post Flash Mixer Raw Water pH Sample Flow					Backboard	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463		WP-M0111
0395	2	AT-I027B	Turbidity Analyzer/ Transmitter	Raw Water Turbidity			0-5 NTU		Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WP-P0001	WB-A0459	WB-A0409	WP-M0111
0396	1	AE-I027B	Turbidity Element	Raw Water Turbidity					Backboard	E&I Contractor	E&I Contractor			WP-P0001	WB-A0460	WB-A0409	WP-M0111
0397	0	FI-I027B	Sample Flow Indicator	Raw Water Turbidity Sample Flow					Backboard	E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WP-P0001		WB-A0409	
0398	2	FS-I027B	Flow Switch	Raw Water Turbidity Low Sample Flow					Backboard	E&I Contractor	E&I Contractor		I105	WP-P0001	WB-A0463	WB-A0409	WP-M0214
0399	2	FE-J701A	Flow Element	Re- circ pump P-J701A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	100mm	I100	WF-P0014	WB-A0453	WB-A0453	WF-E0103
0400	2	FT-J701A	Flow Indicator Transmitter	Re- circ pump P-J701A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0014	WB-A0453	WB-A0402	WF-E0103
0401	2	FE-J702A	Flow Element	Re- circ pump P-J702A Outlet Flow					Flange	E&I Contractor	Mech. Contractor	100mm	I100	WF-P0014	WB-A0453	WB-A0453	WF-E0103
0402	2	FT-J702A	Flow Indicator Transmitter	Re- circ pump P-J702A Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WF-P0014	WB-A0453	WB-A0402	WF-E0103
0403	0	LE-O010A	Level Element	Liquid Oxygen Storage Tank #1 Level						Supply Contractor	Supply Contractor			WO-P0001			TBC
0404	0	LT-O010A	Level Indicator Transmitter	Liquid Oxygen Storage Tank #1 Level				TBC	Wall/ Stand	Supply Contractor	Supply Contractor			WO-P0001	WB-A0465		TBC
0405	1	LS-O010A	Level Switch	Liquid Oxygen Storage Tank #1 Level Low			120V		TBC	Supply Contractor	Supply Contractor			WO-P0001			TBC
0406	1	PT-O010A	Pressure Indicator Transmitter	Liquid Oxygen Storage Tank #1 Pressure			Loop Powered	TBC		Supply Contractor	Mech. Contractor		I111	WO-P0001	WB-A0465		TBC
0407	1	PS-O010A	Pressure Switch	Liquid Oxygen Storage Tank #1 Pressure High						Supply Contractor	Mech. Contractor		I115	WO-P0001			TBC
0408	3	PI-O012A	Pressure Indicator	Liquid Oxygen Storage Tank Outlet Pressure						Supply Contractor	Mech. Contractor		I112	WO-P0001		WB-M0464	TBC
0409	1	TE-O012A	Temperature Element	Liquid Oxygen Tank Oxygen Temperature						Supply Contractor	Mech. Contractor		I131	WO-P0001			TBC
0410	1	TT-O012A	Temperature Indicator Transmitter	Liquid Oxygen Tank Oxygen Temperature						Supply Contractor	Mech. Contractor		I131	WO-P0001	WB-A0465		TBC
0411	1	PT-O015A	Pressure Indicator Transmitter	Liquid Oxygen Storage Tank Outlet Pressure			Loop Powered	TBC		Supply Contractor	Mech. Contractor		I111	WO-P0001	WB-A0465		TBC
0412	0	LE-O020A	Level Element	Liquid Oxygen Storage Tank #2 Level						Supply Contractor	Supply Contractor			WO-P0002			TBC
0413	0	LT-O020A	Level Indicator Transmitter	Liquid Oxygen Storage Tank #2 Level				TBC	Wall/ Stand	Supply Contractor	Supply Contractor			WO-P0002	WB-A0465		TBC
0414	1	LS-O020A	Level Switch	Liquid Oxygen Storage Tank #2 Level Low			120V		TBC	Supply Contractor	Supply Contractor			WO-P0002			TBC
0415	1	PT-O020A	Pressure Indicator Transmitter	Liquid Oxygen Storage Tank #2 Pressure			Loop Powered	TBC		Supply Contractor	Mech. Contractor		I111	WO-P0002	WB-A0465		TBC
0416	2	PS-O020A	Pressure Switch	Liquid Oxygen Storage Tank #2 Pressure High						Supply Contractor	Mech. Contractor		I115	WO-P0002			TBC
0417	2	PT-O030A	Pressure Indicator Transmitter	Liquid Oxygen Particle Filter GFO030A Differential Pressure			Loop Powered	13 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0003	WB-A0465	WB-A0404	WO-E0132
0418	2	PT-O031A	Pressure Indicator Transmitter	Liquid Oxygen Particle Filter GFO031A Differential Pressure			Loop Powered	13 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0003	WB-A0465	WB-A0404	WO-E0132
0419	2	AE-O032A	Analysar Element	Liquid Oxygen to Ozone Generators Dewpoint Analyzer						Supply Contractor	E&I Contractor			WO-P0003			WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0420	1	AT-0032A	Dew Point Analyzer	Liquid Oxygen to Ozone Generators Dewpoint Analyzer						Supply Contractor	E&I Contractor			WO-P0003	WB-A0465		WO-E0132
0421	3	PI-0032A	Pressure Indicator	Liquid Oxygen to Ozone Generators Pressure Indicator						Supply Contractor	Mech. Contractor		I112	WO-P0003		WB-M0464	
0422	3	PI-0050A	Pressure Indicator	Nitrogen Boost Air Receiver Pressure					Skid	Supply Contractor	Mech. Contractor		I112	WO-P0004		WB-M0464	
0423	2	PS-0050A	Pressure Switch	Nitrogen Boost Air Receiver Pressure Switch High					Skid	Supply Contractor	Mech. Contractor		I115	WO-P0004			WC-E0131
0424	1	AE-0051A	Analyser Element	Nitrogen Boost Unit to Ozone Generator Dewpoint						Supply Contractor	E&I Contractor			WO-P0004			WC-E0131
0425	1	AT-0051A	Dew Point Analyzer	Nitrogen Boost Unit to Ozone Generator Dewpoint						Supply Contractor	E&I Contractor			WO-P0004	WB-A0465		WC-E0131
0426	1	FI-0051A	Flow Indicator	Nitrogen Boost Unit to Ozone Generators Flow						Supply Contractor	Mech. Contractor			WO-P0004			WC-E0131
0427	1	FS-0051A	Flow Switch	Nitrogen Boost Unit to Ozone Generators Low Flow						Supply Contractor	Mech. Contractor	Part of flow indicator		WO-P0004			WC-E0131
0428	3	PI-0051A	Pressure Indicator	Nitrogen Boost Unit to Ozone Generators Pressure						Supply Contractor	Mech. Contractor		I112	WO-P0004		WB-M0464	WO-M0401
0429	1	AE-0110A	Gas Sensor	Ambient Ozone Gas						Supply Contractor	E&I Contractor			WO-P0005			WO-E0132
0430	1	AT-0110A	Gas Level Indicator Transmitter	Ambient Ozone Gas Level						Supply Contractor	E&I Contractor			WO-P0005	WB-A0465		WO-E0132
0431	1	AE-0110B	Gas Sensor	Ambient Oxygen Gas						Supply Contractor	E&I Contractor			WO-P0005			WO-E0132
0432	1	AT-0110B	Gas Level Indicator Transmitter	Ambient Oxygen Gas Level						Supply Contractor	E&I Contractor			WO-P0005	WB-A0465		WO-E0132
0433	2	PT-0110A	Pressure Indicator Transmitter	Liquid Oxygen to Ozone Generator GEN-0110A Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0005	WB-A0465	WB-A0404	WO-E0132
0434	2	TE-0110A	Temperature Element	Liquid Oxygen to Ozone Generator GEN-0110A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0005			WO-E0132
0435	2	TT-0110A	Temperature Indicator Transmitter	Liquid Oxygen to Ozone Generator GEN-0110A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0005	WB-A0465		WO-E0132
0436	1	LS-0110A	Level Switch	Ozone Generator GEN-0110A Inlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0005			WO-E0132
0437	1	LS-0110B	Level Switch	Ozone Generator GEN-0110A Outlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0005			WO-E0132
0438	2	PT-0411A	Pressure Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Inlet Pressure			Loop Powered	0-400 Kpa	Skid/Manifold	Supply Contractor	Supply Contractor		I111	WO-P0016	WB-A0465		WO-E0132
0439	1	AE-0112A	Analyser Element	Ozone Generator GEN-0110A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0005			WO-E0132
0440	1	AT-0112A	Analyser Indicator Transmitter	Ozone Generator GEN-0110A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0005	WB-A0465		WO-E0132
0441	1	FE-0112A	Flow Element	Ozone Generator GEN-0110A Flow					Spool piece	Supply Contractor	Mech. Contractor	50 mm	I101	WO-P0005			WO-E0132
0442	1	FT-0112A	Flow Indicator Transmitter	Ozone Generator GEN-0110A Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0005	WB-A0454		WO-E0132
0443	2	PT-0112A	Pressure Indicator Transmitter	Ozone Generator GEN-0110A Outlet Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0005	WB-A0465	WB-A0404	WO-E0132
0444	2	TE-0112A	Temperature Element	Ozone Generator GEN-0110A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0005			WO-E0132
0445	2	TT-0112A	Temperature Indicator Transmitter	Ozone Generator GEN-0110A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0005	WB-A0465		WO-E0132
0446	1	AE-0130A	Gas Sensor	Ambient Ozone Gas						Supply Contractor	E&I Contractor			WO-P0006			WO-E0132
0447	1	AT-0130A	Gas Level Indicator Transmitter	Ambient Ozone Gas Level						Supply Contractor	E&I Contractor			WO-P0006	WB-A0465		WO-E0132
0448	1	AE-0130B	Gas Sensor	Ambient Oxygen Gas						Supply Contractor	E&I Contractor			WO-P0006			WO-E0132
0449	1	AT-0130B	Gas Level Indicator Transmitter	Ambient Oxygen Gas Level						Supply Contractor	E&I Contractor			WO-P0006	WB-A0465		WO-E0132
0450	2	PT-0130A	Pressure Indicator Transmitter	Liquid Oxygen to Ozone Generator GEN-0130A Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0006	WB-A0465	WB-A0404	WO-E0132
0451	2	TE-0130A	Temperature Element	Liquid Oxygen to Ozone Generator GEN-0130A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0006			WO-E0132
0452	2	TT-0130A	Temperature Transmitter	Liquid Oxygen to Ozone Generator GEN-0130A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0006	WB-A0465		WO-E0132
0453	1	LS-0130A	Level Switch	Ozone Generator GEN-0130A Inlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0006			WO-E0132
0454	1	LS-0130B	Level Switch	Ozone Generator GEN-0130A Outlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0006			WO-E0132
0455	2	PT-0421A	Pressure Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Pressure			Loop Powered	0-400 Kpa	Skid/Manifold	Supply Contractor	Supply Contractor		I111	WO-P0017	WB-A0465		WO-E0132
0456	2	AE-0132A	Analyser Element	Ozone Generator GEN-0130A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0006			WO-E0132
0457	2	AT-0132A	Analyser Indicator Transmitter	Ozone Generator GEN-0130A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0006	WB-A0465		WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0458	1	FE-0132A	Flow Element	Ozone Generator GEN-0130A Flow					Spool piece	Supply Contractor	Mech. Contractor	50 mm	I101	WO-P0006			WO-E0132
0459	2	FT-0132A	Flow Indicator Transmitter	Ozone Generator GEN-0130A Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0006	WB-A0454		WO-E0132
0460	2	PT-0132A	Pressure Indicator Transmitter	Ozone Generator GEN-0130A Outlet Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0006	WB-A0465	WB-A0404	WO-E0132
0461	2	TE-0132A	Temperature Element	Ozone Generator GEN-0130A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0006			WO-E0132
0462	2	TT-0132A	Temperature Indicator Transmitter	Ozone Generator GEN-0130A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0006	WB-A0465		WO-E0132
0463	1	AE-0150A	Gas Sensor	Ambient Ozone Gas						Supply Contractor	E&I Contractor			WO-P0007			WO-E0132
0464	1	AT-0150A	Gas Level Indicator Transmitter	Ambient Ozone Gas Level						Supply Contractor	E&I Contractor			WO-P0007	WB-A0465		WO-E0132
0465	2	PT-0150A	Pressure Indicator Transmitter	Liquid Oxygen to Ozone Generator GEN-0150A Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0007	WB-A0465	WB-A0404	WO-M0204
0466	2	TE-0150A	Temperature Element	Liquid Oxygen to Ozone Generator GEN-0150A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0007			WO-M0204
0467	2	TT-0150A	Temperature Transmitter	Liquid Oxygen to Ozone Generator GEN-0150A Temperature						Supply Contractor	E&I Contractor		I131	WO-P0007	WB-A0465		WO-M0204
0468	1	LS-0150A	Level Switch	Ozone Generator GEN-0150A Inlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0007			WO-E0132
0469	1	LS-0150B	Level Switch	Ozone Generator GEN-0150A Outlet Side High Level Switch			120V		Skid	Supply Contractor	Supply Contractor			WO-P0007			WO-E0132
0470	2	PT-0431A	Pressure Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Pressure			Loop Powered	0-400 Kpa	Skid/Manifold	Supply Contractor	Supply Contractor		I111	WO-P0018	WB-A0465		WO-E0132
0471	2	AE-0152A	Analyser Element	Ozone Generator GEN-0150A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0007			WO-E0132
0472	1	AT-0152A	Analyser Indicator Transmitter	Ozone Generator GEN-0150A Outlet Ozone Gas						Supply Contractor	E&I Contractor			WO-P0007	WB-A0465		WO-E0132
0473	1	FE-0152A	Flow Element	Ozone Generator GEN-0150A Flow					Spool piece	Supply Contractor	Mech. Contractor	50 mm	I101	WO-P0007			WO-E0132
0474	1	FT-0152A	Flow Indicator Transmitter	Ozone Generator GEN-0150A Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0007	WB-A0454		WO-E0132
0475	2	PT-0152A	Pressure Indicator Transmitter	Ozone Generator GEN-0150A Outlet Pressure			Loop Powered	0-206 Kpa	Gauge Valve	Supply Contractor	E&I Contractor		I111	WO-P0007	WB-A0465	WB-A0404	WO-E0132
0476	2	TE-0152A	Temperature Element	Ozone Generator GEN-0150A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0007			WO-E0132
0477	2	TT-0152A	Temperature Indicator Transmitter	Ozone Generator GEN-0150A Outlet Temperature						Supply Contractor	E&I Contractor		I131	WO-P0007	WB-A0465		WO-E0132
0478	1	FE-0216A	Flow Element	Ozone Injection Line to Ozone Contactor #1 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0008			WO-E0132
0479	1	FT-0216A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #1 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0008	WB-A0454		WO-E0132
0480	1	FE-0217A	Flow Element	Ozone Injection Line to Ozone Contactor #1 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0008			WO-E0132
0481	1	FT-0217A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #1 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0008	WB-A0454		WO-E0132
0482	1	FE-0218A	Flow Element	Ozone Injection Line to Ozone Contactor #1 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0008			WO-E0132
0483	1	FT-0218A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #1 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0008	WB-A0454		WO-E0132
0484	1	AE-0221A	Analyser Element	Sample Element SE-0210A Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0485	1	AT-0221A	Analyser Indicator Transmitter	Sample Element SE-0210A Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0022	WB-A0465		WR-E0122
0486	1	FI-0221A	Flow Indicator	Sample Element SE-0210A Dissolved Ozone Sample Flow					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0487	1	FS-0221A	Flow Switch	Sample Element SE-0210A Dissolved Ozone Sample Low Flow					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0488	1	AE-0226A	Analyser Element	Sample Element SE-0210B Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0489	1	AT-0226A	Analyser Indicator Transmitter	Sample Element SE-0210B Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0022	WB-A0465		WR-E0122
0490	1	FI-0226A	Flow Indicator	Sample Element SE-0210B Dissolved Ozone Sample Flow					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0491	1	FS-0226A	Flow Switch	Sample Element SE-0210B Dissolved Ozone Sample Low Flow					Panel	Supply Contractor	E&I Contractor			WO-P0022			WR-E0122
0492	1	FE-0236A	Flow Element	Ozone Injection Line to Ozone Contactor #2 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0009			WO-E0132
0493	1	FT-0236A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #2 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0009	WB-A0454		WO-E0132
0494	1	FE-0237A	Flow Element	Ozone Injection Line to Ozone Contactor #2 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0009			WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0495	1	FT-0237A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #2 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0009	WB-A0454		WO-E0132
0496	1	FE-0238A	Flow Element	Ozone Injection Line to Ozone Contactor #2 Flow					Spool piece	Supply Contractor	Mech. Contractor	38 mm	I101	WO-P0009			WO-E0132
0497	1	FT-0238A	Flow Indicator Transmitter	Ozone Injection Line to Ozone Contactor #2 Flow			120V		Wall/Stand	Supply Contractor	E&I Contractor		I101	WO-P0009	WB-A0454		WO-E0132
0498	1	AE-0241A	Analyser Element	Sample Element SE-0230A Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0499	1	AT-0241A	Analyser Indicator Transmitter	Sample Element SE-0230A Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0023	WB-A0465		WC-E0112
0500	1	FI-0241A	Flow Indicator	Sample Element SE-0230A Dissolved Ozone Sample Flow					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0501	1	FS-0241A	Flow Switch	Sample Element SE-0230A Dissolved Ozone Sample Low Flow					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0502	1	AE-0246A	Analyser Element	Sample Element SE-0230B Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0503	1	AT-0246A	Analyser Indicator Transmitter	Sample Element SE-0230B Dissolved Ozone Sample Analyser					Panel	Supply Contractor	E&I Contractor			WO-P0023	WB-A0465		WC-E0112
0504	1	FI-0246A	Flow Indicator	Sample Element SE-0230B Dissolved Ozone Sample Flow					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0505	1	FS-0246A	Flow Switch	Sample Element SE-0230B Dissolved Ozone Sample Low Flow					Panel	Supply Contractor	E&I Contractor			WO-P0023			WC-E0112
0506	1	FI-0310A	Flow Indicator	Open Loop Cooling Water to Power Supply Unit PSU-0310A Flow					Skid	Supply Contractor	Supply Contractor			WO-P0019			WO-M0205
0507	1	TS-0310A	Temperature Switch	Electrolyser Power Supply Unit PSU-0310A High Temperature					Skid	Supply Contractor	Supply Contractor			WO-P0019			WO-E0132
0508	1	ZS-0310A	Position Switch	Electrolyser Power Supply Unit PSU-0310A Door Switch					Skid	Supply Contractor	Supply Contractor			WO-P0019			WO-E0132
0509	1	FI-0320A	Flow Indicator	Open Loop Cooling Water to Power Supply Unit PSU-0320A Flow					Skid	Supply Contractor	Supply Contractor			WO-P0020			WO-M0205
0510	1	TS-0320A	Temperature Switch	Electrolyser Power Supply Unit PSU-0320A High Temperature					Skid	Supply Contractor	Supply Contractor			WO-P0020			WO-E0132
0511	1	ZS-0320A	Position Switch	Electrolyser Power Supply Unit PSU-0320A Door Switch					Skid	Supply Contractor	Supply Contractor			WO-P0020			WO-E0132
0512	1	FI-0330A	Flow Indicator	Open Loop Cooling Water to Power Supply Unit PSU-0330A Flow					Skid	Supply Contractor	Supply Contractor			WO-P0021			WO-M0205
0513	1	TS-0330A	Temperature Switch	Electrolyser Power Supply Unit PSU-0330A High Temperature					Skid	Supply Contractor	Supply Contractor			WO-P0021			WO-E0132
0514	1	ZS-0330A	Position Switch	Electrolyser Power Supply Unit PSU-0330A Door Switch					Skid	Supply Contractor	Supply Contractor			WO-P0021			WO-E0132
0515	3	AE-0404A	Analysier Element	Open Loop Cooling Water Turbidity					Panel	E&I Contractor	E&I Contractor		I162	WO-P0015			WO-E0132
0516	3	AT-0404A	Analyzer Indicator Transmitter	Open Loop Cooling Water Turbidity					Panel	E&I Contractor	E&I Contractor		I162	WO-P0015	WB-A0465		WO-E0132
0517	1	FI-0404A	Variable Area Flowmeter	Open Loop Cooling Water to Turbidity Analyzer Flow					Panel	E&I Contractor	E&I Contractor			WO-P0015			WO-E0132
0518	1	FS-0404A	Flow Switch	Open Loop Cooling Water to Turbidity Analyzer Low Flow					Panel	E&I Contractor	E&I Contractor			WO-P0015			WO-E0132
0519	2	FE-0410A	Flow Element	Open Loop Cooling Water to Heat Exchanger HEX-0410A Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm	I100	WO-P0016	WB-A0453	WB-A0453	WO-E0132
0520	2	FT-0410A	Flow Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0410A Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor		I100	WO-P0016	WB-A0465		WO-E0132
0521	3	PI-0410A	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0410A Inlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0016		WB-M0464	
0522	3	PI-0410B	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0410A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0016		WB-M0464	
0523	2	TE-0410A	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0410A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016			WO-E0132
0524	2	TT-0410A	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0410A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016	WB-A0465		WO-E0132
0525	2	TE-0410B	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0410A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016			WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0526	2	TT-0410B	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0410A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016	WB-A0465		WO-E0132
0527	2	CE-0411A	Conductivity Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0016			WO-E0132
0528	2	CT-0411A	Conductivity Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0016	WB-A0465		WO-E0132
0529	2	FE-0411A	Flow Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm Rotary Flowmeter		WO-P0016			WO-E0132
0530	1	FT-0411A	Flow Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor			WO-P0016	WB-A0465		WO-E0132
0531	3	PI-0411A	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410A Pump Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0016		WB-M0464	
0532	3	PI-0411B	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0016		WB-M0464	
0533	2	SOL-0411A	Solenoid Actuator	Ozone Generator Closed Loop Cooling Water De-Ionized Water to Heat Exchanger HEX-0410A					Skid	Supply Contractor	Supply Contractor			WO-P0016			WO-E0132
0534	2	TE-0411A	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016			WO-E0132
0535	2	TT-0411A	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016	WB-A0465		WO-E0132
0536	2	TE-0411B	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016			WO-E0132
0537	2	TT-0411B	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0410 Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0016	WB-A0465		WO-E0132
0538	3	PI-0411C	Pressure Indicator	Ozone Generator Closed Loop Cooling Water Heat Exchanger HEX-0410A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0016		WB-M0464	
0539	2	FE-0420A	Flow Element	Open Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm	I100	WO-P0017	WB-A0453	WB-A0453	WO-E0132
0540	2	FT-0420A	Flow Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor		I100	WO-P0017	WB-A0465		WO-E0132
0541	3	PI-0420A	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0017		WB-M0464	
0542	3	PI-0420B	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0017		WB-M0464	
0543	2	TE-0420A	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017			WO-E0132
0544	2	TT-0420A	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017	WB-A0465		WO-E0132
0545	2	TE-0420B	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017			WO-E0132
0546	2	TT-0420C	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017	WB-A0465		WO-E0132
0547	2	CE-0421A	Conductivity Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0017			WO-E0132
0548	2	CT-0421A	Conductivity Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0017	WB-A0465		WO-E0132
0549	2	FE-0421A	Flow Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm Rotary Flowmeter		WO-P0017			WO-E0132
0550	2	FT-0421A	Flow Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor			WO-P0017	WB-A0465		WO-E0132
0551	3	PI-0421A	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Pump Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0017		WB-M0464	

INSTRUMENT INDEX

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			INSTRUMENT TYPE	SERVICE													
0552	3	PI-0421B	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0017		WB-M0464	
0553	2	SOL-0421A	Solenoid Actuator	Ozone Generator Closed Loop Cooling Water De-Ionized Water to Heat Exchanger HEX-0420A					Skid	Supply Contractor	Supply Contractor			WO-P0017			WO-E0132
0554	2	TE-0421A	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017			WO-E0132
0555	2	TT-0421A	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017	WB-A0465		WO-E0132
0556	2	TE-0421B	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017			WO-E0132
0557	2	TT-0421B	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0420A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0017	WB-A0465		WO-E0132
0558	3	PI-0421C	Pressure Indicator	Ozone Generator Closed Loop Cooling Water Heat Exchanger HEX-0420A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0017		WB-M0464	
0559	2	FE-0430A	Flow Element	Open Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm	I100	WO-P0018	WB-A0453	WB-A0453	WO-E0132
0560	2	FT-0430A	Flow Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor		I100	WO-P0018	WB-A0465		WO-E0132
0561	3	PI-0430A	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0018		WB-M0464	
0562	3	PI-0430B	Pressure Indicator	Open Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0018		WB-M0464	
0563	2	TE-0430A	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018			WO-E0132
0564	2	TT-0430A	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018	WB-A0465		WO-E0132
0565	2	TE-0430B	Temperature Element	Open Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018			WO-E0132
0566	2	TT-0430B	Temperature Indicator Transmitter	Open Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018	WB-A0465		WO-E0132
0567	2	CE-0431A	Conductivity Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0018			WO-E0132
0568	2	CT-0431A	Conductivity Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Pump Outlet Conductivity					Skid	Supply Contractor	Supply Contractor			WO-P0018	WB-A0465		WO-E0132
0569	2	FE-0431A	Flow Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Flow					Skid	Supply Contractor	Supply Contractor	75 mm Rotary Flowmeter		WO-P0018			WO-E0132
0570	2	FT-0431A	Flow Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Flow			120V		Skid	Supply Contractor	Supply Contractor			WO-P0018	WB-A0465		WO-E0132
0571	3	PI-0431A	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Pump Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0018		WB-M0464	
0572	3	PI-0431B	Pressure Indicator	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0018		WB-M0464	
0573	2	SOL-0431A	Solenoid Actuator	Ozone Generator Closed Loop Cooling Water De-Ionized Water to Heat Exchanger HEX-0430A					Skid	Supply Contractor	Supply Contractor			WO-P0018			WO-E0132
0574	2	TE-0431A	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018			WO-E0132
0575	2	TT-0431A	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018	WB-A0465		WO-E0132
0576	2	TE-0431B	Temperature Element	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018			WO-E0132
0577	2	TT-0431B	Temperature Indicator Transmitter	Ozone Generator Closed Loop Cooling Water to Heat Exchanger HEX-0430A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0018	WB-A0465		WO-E0132
0578	3	PI-0421C	Pressure Indicator	Ozone Generator Closed Loop Cooling Water Heat Exchanger HEX-0420A Outlet Pressure					Skid	Supply Contractor	Supply Contractor		I112	WO-P0018		WB-M0464	
0579	2	PT-0501A	Pressure Indicator Transmitter	Ozone Contactor #1 to Ozone Destruct Units Pressure			Loop Powered	-7.5 Kpa to 7.5 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0012	WB-A0465		WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0580	2	PT-0501B	Pressure Indicator Transmitter	Ozone Contactor #1 to Ozone Destruct Units Demister Differential Pressure			Loop Powered	0-1.25 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0012	WB-A0465		WO-E0132
0581	2	AE-0505A	Gas Sensor	Ozone Contactor #2 to Ozone Destruct Analyzer						Supply Contractor	E&I Contractor			WO-P0014			WO-E0132
0582	1	AT-0505A	Gas Analyzer Indicator Transmitter	Ozone Contactor #2 to Ozone Destruct Analyzer						Supply Contractor	E&I Contractor			WO-P0014	WB-A0465		WO-E0132
0583	2	PT-0505A	Pressure Indicator Transmitter	Ozone Contactor #2 to Ozone Destruct Units Pressure			Loop Powered	-7.5 Kpa to 7.5 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0014	WB-A0465		WO-E0132
0584	2	PT-0505B	Pressure Indicator Transmitter	Ozone Contactor #2 to Ozone Destruct Units Demister Differential Pressure			Loop Powered	0-10 Kpa	Manifold	Supply Contractor	E&I Contractor		I111	WO-P0014	WB-A0465		WO-E0132
0585	2	AE-0501A	Gas Sensor	Ozone Contactor #1 to Ozone Destruct Analyzer						Supply Contractor	E&I Contractor			WO-P0012			WO-E0132
0586	1	AT-0501A	Gas Analyzer Indicator Transmitter	Ozone Contactor #1 to Ozone Destruct Analyzer						Supply Contractor	E&I Contractor			WO-P0012	WB-A0465		WO-E0132
0587	2	AE-0510A	Analysar Element	Ozone Destruct Unit #1 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0012			WO-E0132
0588	2	AT-0510A	Ozone Gas Analyzer Indicator Transmitter	Ozone Destruct Unit #1 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0012	WB-A0465		WO-E0132
0589	2	PT-0510A	Pressure Indicator Transmitter	Catalytic Destruct Unit CDU-0510 Differential Pressure			Loop Powered	0-5 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0012	WB-A0465		WO-E0132
0590	2	PT-0510B	Pressure Indicator Transmitter	Ozone Destruct Unit #1 Blower Differential Pressure			Loop Powered	0-10 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0012	WB-A0465		WO-E0132
0591	2	TE-0510A	Temperature Element	Ozone Destruct Unit #1 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012			WO-E0132
0592	2	TT-0510A	Temperature Indicator Transmitter	Ozone Destruct Unit #1 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012	WB-A0465		WO-E0132
0593	2	TE-0510B	Temperature Element	Ozone Destruct Unit #1 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012			WO-E0132
0594	2	TT-0510B	Temperature Indicator Transmitter	Ozone Destruct Unit #1 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012	WB-A0465		WO-E0132
0595	2	TE-0510C	Temperature Element	Catalytic Destruct Unit CDU-0510A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012			WO-E0132
0596	2	TT-0510C	Temperature Indicator Transmitter	Catalytic Destruct Unit CDU-0510A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0012	WB-A0465		WO-E0132
0597	2	AE-0520A	Analysar Element	Ozone Destruct Unit #2 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0013			WO-E0132
0598	2	AT-0520A	Ozone Gas Analyzer Indicator Transmitter	Ozone Destruct Unit #2 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0013	WB-A0465		WO-E0132
0599	2	AE-0520B	Analysar Element	Ambient Ozone Gas Sensor					Skid	Supply Contractor	Supply Contractor			WO-P0013			WO-E0132
0600	2	AT-0520B	Ozone Gas Analyzer Indicator Transmitter	Ambient Ozone Gas Level					Skid	Supply Contractor	Supply Contractor			WO-P0013	WB-A0465		WO-E0132
0601	2	PT-0520A	Pressure Indicator Transmitter	Catalytic Destruct Unit CDU-0520A Differential Pressure			Loop Powered	0-5 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0013	WB-A0465		WO-E0132
0602	2	PT-0520B	Pressure Indicator Transmitter	Ozone Destruct Unit #2 Blower Differential Pressure			Loop Powered	0-10 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0013	WB-A0465		WO-E0132
0603	2	TE-0520A	Temperature Element	Ozone Destruct Unit #2 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013			WO-E0132
0604	2	TT-0520A	Temperature Indicator Transmitter	Ozone Destruct Unit #2 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013	WB-A0465		WO-E0132
0605	2	TE-0520B	Temperature Element	Ozone Destruct Unit #2 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013			WO-E0132
0606	2	TT-0520B	Temperature Indicator Transmitter	Ozone Destruct Unit #2 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013	WB-A0465		WO-E0132
0607	2	TE-0520C	Temperature Element	Catalytic Destruct Unit CDU-0520A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013			WO-E0132
0608	2	TT-0520C	Temperature Indicator Transmitter	Catalytic Destruct Unit CDU-0520A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0013	WB-A0465		WO-E0132
0609	2	AE-0530A	Analysar Element	Ozone Destruct Unit #3 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0014			WO-E0132
0610	2	AT-0530A	Ozone Gas Analyzer Indicator Transmitter	Ozone Destruct Unit #3 Vent Ozone Analyzer					Skid	Supply Contractor	Supply Contractor			WO-P0014	WB-A0465		WO-E0132
0611	2	PT-0530A	Pressure Indicator Transmitter	Catalytic Destruct Unit CDU-0530 Differential Pressure			Loop Powered	0-5 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0014	WB-A0465		WO-E0132

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0612	2	PT-O530B	Pressure Indicator Transmitter	Ozone Destruct Unit #3 Blower Differential Pressure			Loop Powered	0-10 Kpa	Skid	Supply Contractor	Supply Contractor		I111	WO-P0014	WB-A0465		WO-E0132
0613	2	TE-O530A	Temperature Element	Ozone Destruct Unit #3 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014			WO-E0132
0614	2	TT-O530A	Temperature Indicator Transmitter	Ozone Destruct Unit #3 Heater Inlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014	WB-A0465		WO-E0132
0615	2	TE-O530B	Temperature Element	Ozone Destruct Unit #3 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014			WO-E0132
0616	2	TT-O530B	Temperature Indicator Transmitter	Ozone Destruct Unit #3 Heater Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014	WB-A0465		WO-E0132
0617	2	TE-O530C	Temperature Element	Catalytic Destruct Unit CDU-O530A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014			WO-E0132
0618	2	TT-O530C	Temperature Indicator Transmitter	Catalytic Destruct Unit CDU-O530A Outlet Temperature					Skid	Supply Contractor	Supply Contractor		I131	WO-P0014	WB-A0465		WO-E0132
0619	1	FT-P001A	Flow Indicator Transmitter	DAF Recycle Water Flow to Saturator P001A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0013	WB-A0453	WB-A0402	WP-E0133
0620	1	FE-P001A	Flow Element	DAF Recycle Water Flow to Saturator P001A				0-150 L/s	Flange	E&I Contractor	Mech. Contractor	250 mm	I100	WP-P0013	WB-A0453	WB-A0453	WP-E0133
0621	2	LT-P001A	Level Indicator Transmitter	DAF Saturator Vessel P001A Level			Loop powered	0-600 mm		Supply Contractor	Mech. Contractor	Transmitter mounted on bypass level indicator		WP-P0013	WB-A0465		WP-E0133
0622	1	LE-P001A	Level Element	DAF Saturator Vessel P001A Level					By pass indicator	Supply Contractor	Mech. Contractor			WP-P0013	WB-A0465		WP-E0133
0623	1	LS-P001A	Level Switch	DAF Saturator Vessel P001A Level Low			120V	50.8mm	Flange	Supply Contractor	Mech. Contractor		N/A	WP-P0013	WB-A0463	N/A	WP-E0133
0624	1	PT-P001A	Pressure Indicator Transmitter	DAF Saturator Vessel P001A Pressure			Loop Powered	0-1000 Kpa	Flange	Supply Contractor	Mech. Contractor		I111	WP-P0013	WB-A0465	WB-A0408	WP-E0133
0625	3	PI-P001A	Pressure Indicator	DAF Saturator Vessel P001A Pressure Reducing Valve						Supply Contractor	Mech. Contractor		I112	WP-P0013		WB-M0464	WP-M0131
0626	3	PI-P001B	Pressure Indicator	DAF Saturator Vessel P001A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0013		WB-M0464	
0627	1	PS-P001A	Pressure Switch	DAF Saturator Vessel P001A Pressure Low						Supply Contractor	Mech. Contractor		I115	WP-P0013			WP-E0133
0628	1	SOL-P001A	Solenoid Actuator	DAF Saturator Vessel P001A Outlet Flow Shutoff Valve Actuator						Supply Contractor	Mech. Contractor			WP-P0013			WP-E0133
0629	2	TT-P001A	Temperature Indicator Transmitter	DAF Saturator Vessel P001A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0013			WP-E0133
0630	1	TE-P001A	Temperature Element	DAF Saturator Vessel P001A Temperature					Thermowell	Supply Contractor	Mech. Contractor		I131	WP-P0013			WP-E0133
0631	2	FT-P002A	Flow Indicator Transmitter	DAF Recycle Water Flow to Saturator P002A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0013	WB-A0453	WB-A0402	WP-E0133
0632	2	FE-P002A	Flow Element	DAF Recycle Water Flow to Saturator P002A				0-150 L/s	Flange	E&I Contractor	Mech. Contractor	250 mm	I100	WP-P0013	WB-A0453	WB-A0453	WP-E0133
0633	2	LT-P002A	Level Indicator Transmitter	DAF Saturator Vessel P002A Level			Loop powered	0-600 mm		Supply Contractor	Mech. Contractor	Transmitter mounted on bypass level indicator		WP-P0013	WB-A0465		WP-E0133
0634	0	LE-P002A	Level Element	DAF Saturator Vessel P002A Level					By pass indicator	Supply Contractor	Mech. Contractor			WP-P0013	WB-A0465		WP-E0133
0635	0	LS-P002A	Level Switch	DAF Saturator Vessel P002A Level Low			120V	50.8mm	Flange	Supply Contractor	Mech. Contractor		N/A	WP-P0013	WB-A0463	N/A	WP-E0133
0636	1	PT-P002A	Pressure Indicator Transmitter	DAF Saturator Vessel P002A Pressure			Loop Powered	0-1000 Kpa	Flange	Supply Contractor	Mech. Contractor		I111	WP-P0013	WB-A0465	WB-A0408	WP-E0133
0637	3	PI-P002A	Pressure Indicator	DAF Saturator Vessel P002A Pressure Reducing Valve						Supply Contractor	Mech. Contractor		I112	WP-P0013		WB-M0464	
0638	3	PI-P002B	Pressure Indicator	DAF Saturator Vessel P002A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0013		WB-M0464	
0639	1	PS-P002A	Pressure Switch	DAF Saturator Vessel P002A Pressure Low						Supply Contractor	Mech. Contractor		I115	WP-P0013			WP-E0133
0640	1	SOL-P002A	Solenoid Actuator	DAF Saturator Vessel P002A Outlet Flow Shutoff Valve Actuator						Supply Contractor	Mech. Contractor			WP-P0013			WP-E0133
0641	1	TT-P002A	Temperature Indicator Transmitter	DAF Saturator Vessel P002A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0013			WP-E0133
0642	1	TE-P002A	Temperature Element	DAF Saturator Vessel P002A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0013			WP-E0133
0643	2	FT-P003A	Flow Indicator Transmitter	DAF Recycle Water Flow to Saturator P003A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0015	WB-A0453	WB-A0402	WP-E0134
0644	2	FE-P003A	Flow Element	DAF Recycle Water Flow to Saturator P003A				0-150 L/s	Flange	E&I Contractor	Mech. Contractor	250 mm	I100	WP-P0015	WB-A0453	WB-A0453	WP-E0134
0645	2	LT-P003A	Level Indicator Transmitter	DAF Saturator Vessel P003A Level			Loop powered	0-600 mm		Supply Contractor	Mech. Contractor	Transmitter mounted on bypass level indicator		WP-P0014	WB-A0465		WP-E0134
0646	0	LE-P003A	Level Element	DAF Saturator Vessel P003A Level					By pass indicator	Supply Contractor	Mech. Contractor			WP-P0014	WB-A0465		WP-E0134

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0647	0	LS-P003A	Level Switch	DAF Saturator Vessel P003A Level Low			120V	50.8mm	Flange	Supply Contractor	Mech. Contractor		N/A	WP-P0014	WB-A0463	N/A	WP-E0134
0648	1	PT-P003A	Pressure Indicator Transmitter	DAF Saturator Vessel P003A Pressure			Loop Powered	0-1000 Kpa	Flange	Supply Contractor	Mech. Contractor		I111	WP-P0014	WB-A0465	WB-A0408	WP-E0134
0649	3	PI-P003A	Pressure Indicator	DAF Saturator Vessel P003A Pressure Reducing Valve						Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	
0650	3	PI-P003B	Pressure Indicator	DAF Saturator Vessel P003A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	
0651	1	PS-P003A	Pressure Switch	DAF Saturator Vessel P003A Pressure Low						Supply Contractor	Mech. Contractor		I115	WP-P0014			WP-E0134
0652	1	SOL-P003A	Solenoid Actuator	DAF Saturator Vessel P003A Outlet Flow Shutoff Valve Actuator						Supply Contractor	Mech. Contractor			WP-P0014			WP-E0134
0653	1	TT-P003A	Temperature Indicator Transmitter	DAF Saturator Vessel P003A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0014			WP-E0134
0654	1	TE-P003A	Temperature Element	DAF Saturator Vessel P003A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0014			WP-E0134
0655	2	FT-P004A	Flow Indicator Transmitter	DAF Recycle Water Flow to Saturator P004A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0015	WB-A0453	WB-A0402	WP-E0134
0656	2	FE-P004A	Flow Element	DAF Recycle Water Flow to Saturator P004A				0-150 L/s	Flange	E&I Contractor	Mech. Contractor	250 mm	I100	WP-P0015	WB-A0453	WB-A0453	WP-E0134
0657	2	LT-P004A	Level Indicator Transmitter	DAF Saturator Vessel P004A Level			Loop powered	0-600 mm		Supply Contractor	Mech. Contractor	Transmitter mounted on bypass level indicator		WP-P0014	WB-A0465		WP-E0134
0658	0	LE-P004A	Level Element	DAF Saturator Vessel P004A Level					By pass indicator	Supply Contractor	Mech. Contractor			WP-P0014	WB-A0465		WP-E0134
0659	0	LS-P004A	Level Switch	DAF Saturator Vessel P004A Level Low			120V	50.8mm	Flange	Supply Contractor	Mech. Contractor		N/A	WP-P0014	WB-A0463	N/A	WP-E0134
0660	1	PT-P004A	Pressure Indicator Transmitter	DAF Saturator Vessel P004A Pressure			Loop Powered	0-1000 Kpa	Flange	Supply Contractor	Mech. Contractor		I111	WP-P0014	WB-A0465	WB-A0408	WP-E0134
0661	3	PI-P004A	Pressure Indicator	DAF Saturator Vessel P004A Pressure Reducing Valve						Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	
0662	3	PI-P004B	Pressure Indicator	DAF Saturator Vessel P004A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	
0663	1	PS-P004A	Pressure Switch	DAF Saturator Vessel P004A Pressure Low						Supply Contractor	Mech. Contractor		I115	WP-P0014			WP-E0134
0664	1	SOL-P004A	Solenoid Actuator	DAF Saturator Vessel P004A Outlet Flow Shutoff Valve Actuator						Supply Contractor	Mech. Contractor			WP-P0014			WP-E0134
0665	1	TT-P004A	Temperature Indicator Transmitter	DAF Saturator Vessel P004A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0014			WP-E0134
0666	1	TE-P004A	Temperature Element	DAF Saturator Vessel P004A Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0014			WP-E0134
0667	3	PI-P010F	Pressure Indicator	DAF Recycle Pump P-P010A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0668	3	PI-P010G	Pressure Indicator	DAF Recycle Pump P-P010A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0669	1	TE-P010A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P010A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0012			WP-E0113
0670	3	PI-P020H	Pressure Indicator	DAF Recycle Pump P-P020A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0671	3	PI-P020J	Pressure Indicator	DAF Recycle Pump P-P020A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0672	1	TE-P020A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P020A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0012			WP-E0113
0673	3	PI-P030F	Pressure Indicator	DAF Recycle Pump P-P030A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0674	3	PI-P030G	Pressure Indicator	DAF Recycle Pump P-P030A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0012		WB-M0464	WP-M0209
0675	1	TE-P030A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P030A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0012			WP-E0113
0676	3	PI-P040F	Pressure Indicator	DAF Recycle Pump P-P040A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210
0677	3	PI-P040G	Pressure Indicator	DAF Recycle Pump P-P040A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210
0678	1	TE-P040A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P040A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0014			WP-E0114
0679	3	PI-P050H	Pressure Indicator	DAF Recycle Pump P-P050A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210
0680	3	PI-P050J	Pressure Indicator	DAF Recycle Pump P-P050A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210
0681	1	TE-P050A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P050A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0014			WP-E0114
0682	3	PI-P060F	Pressure Indicator	DAF Recycle Pump P-P060A Inlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210
0683	3	PI-P060G	Pressure Indicator	DAF Recycle Pump P-P060A Outlet Pressure					Pipe	Supply Contractor	Mech. Contractor		I112	WP-P0014		WB-M0464	WP-M0210

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0684	1	TE-P060A	DAF Recycle Pump - Thermistor	DAF Recycle Pump P-P060A temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0014			WP-E0114
0685	2	FT-P100A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP100A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0002	WB-A0453	WB-A0402	WA-E0112
0686	2	FE-P100A	Flow Element	Raw Water Flow to DAF TNKP100A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0002	WB-A0453	WB-A0453	WA-E0112
0687	0	LT-P100A	Level Indicator Transmitter	DAF TNKP100A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0004	WB-A0455	WB-A0402	WP-E0133
0688	1	LE-P100A	Level Element	DAF TNKP100A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0004	WB-A0455	WB-A0401	WP-E0133
0689	1	SOL-P120A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP100A)						Supply Contractor	Mech. Contractor			WP-P0004			WP-E0133
0690	1	SOL-P120B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP100A)						Supply Contractor	Mech. Contractor			WP-P0004			WP-E0133
0691	2	FT-P200A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP200A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0002	WB-A0453	WB-A0402	WA-E0112
0692	2	FE-P200A	Flow Element	Raw Water Flow to DAF TNKP200A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0002	WB-A0453	WB-A0453	WA-E0112
0693	0	LT-P200A	Level Indicator Transmitter	DAF TNKP200A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0005	WB-A0455	WB-A0402	WP-E0133
0694	1	LE-P200A	Level Element	DAF TNKP200A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0005	WB-A0455	WB-A0401	WP-E0133
0695	1	SOL-P220A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP200A)						Supply Contractor	Mech. Contractor			WP-P0005			WP-E0133
0696	1	SOL-P220B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP200A)						Supply Contractor	Mech. Contractor			WP-P0005			WP-E0133
0697	2	FT-P300A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP300A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0002	WB-A0453	WB-A0402	WA-E0112
0698	2	FE-P300A	Flow Element	Raw Water Flow to DAF TNKP300A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0002	WB-A0453	WB-A0453	WA-E0112
0699	0	LT-P300A	Level Indicator Transmitter	DAF TNKP300A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0006	WB-A0455	WB-A0402	WP-E0133
0700	1	LE-P300A	Level Element	DAF TNKP300A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0006	WB-A0455	WB-A0401	WP-E0133
0701	1	SOL-P320A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP300A)						Supply Contractor	Mech. Contractor			WP-P0006			WP-E0133
0702	1	SOL-P320B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP300A)						Supply Contractor	Mech. Contractor			WP-P0006			WP-E0133
0703	2	FT-P400A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP400A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0002	WB-A0453	WB-A0402	WA-E0112
0704	2	FE-P400A	Flow Element	Raw Water Flow to DAF TNKP400A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0002	WB-A0453	WB-A0453	WA-E0112
0705	0	LT-P400A	Level Indicator Transmitter	DAF TNKP400A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0007	WB-A0455	WB-A0402	WP-E0133
0706	1	LE-P400A	Level Element	DAF TNKP400A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0007	WB-A0455	WB-A0401	WP-E0133
0707	1	SOL-P420A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP400A)						Supply Contractor	Mech. Contractor			WP-P0007			WP-E0133
0708	1	SOL-P420B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP400A)						Supply Contractor	Mech. Contractor			WP-P0007			WP-E0133
0709	2	FT-P500A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP500A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0003	WB-A0453	WB-A0402	WA-E0112
0710	2	FE-P500A	Flow Element	Raw Water Flow to DAF TNKP500A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0003	WB-A0453	WB-A0453	WA-E0112
0711	0	LT-P500A	Level Indicator Transmitter	DAF TNKP500A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0008	WB-A0455	WB-A0402	WP-E0134
0712	1	LE-P500A	Level Element	DAF TNKP500A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0008	WB-A0455	WB-A0401	WP-E0134
0713	1	SOL-P520A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP500A)						Supply Contractor	Mech. Contractor			WP-P0008			WP-E0134
0714	1	SOL-P520B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP500A)						Supply Contractor	Mech. Contractor			WP-P0008			WP-E0134
0715	2	FT-P600A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP600A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0003	WB-A0453	WB-A0402	WA-E0112
0716	2	FE-P600A	Flow Element	Raw Water Flow to DAF TNKP600A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0003	WB-A0453	WB-A0453	WA-E0112
0717	0	LT-P600A	Level Indicator Transmitter	DAF TNKP600A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0009	WB-A0455	WB-A0402	WP-E0134
0718	1	LE-P600A	Level Element	DAF TNKP600A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0009	WB-A0455	WB-A0401	WP-E0134
0719	1	SOL-P620A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP600A)						Supply Contractor	Mech. Contractor			WP-P0009			WP-E0134
0720	1	SOL-P620B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP600A)						Supply Contractor	Mech. Contractor			WP-P0009			WP-E0134
0721	2	FT-P700A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP700A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0003	WB-A0453	WB-A0402	WA-E0112

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0722	2	FE-P700A	Flow Element	Raw Water Flow to DAF TNKP700A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0003	WB-A0453	WB-A0453	WA-E0112
0723	0	LT-P700A	Level Indicator Transmitter	DAF TNKP700A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0010	WB-A0455	WB-A0402	WP-E0134
0724	1	LE-P700A	Level Element	DAF TNKP700A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0010	WB-A0455	WB-A0401	WP-E0134
0725	1	SOL-P720A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP700A)						Supply Contractor	Mech. Contractor			WP-P0010			WP-E0134
0726	1	SOL-P720B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP700A)						Supply Contractor	Mech. Contractor			WP-P0010			WP-E0134
0727	2	FT-P800A	Flow Indicator Transmitter	Raw Water Flow to DAF TNKP800A			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0003	WB-A0453	WB-A0402	WA-E0112
0728	2	FE-P800A	Flow Element	Raw Water Flow to DAF TNKP800A				0-650 L/s	Flange	E&I Contractor	Mech. Contractor	450 mm	I100	WP-P0003	WB-A0453	WB-A0453	WA-E0112
0729	0	LT-P800A	Level Indicator Transmitter	DAF TNKP800A Level			120V	0-600 mm	Wall/ Stand	Supply Contractor	E&I Contractor		I120	WP-P0011	WB-A0455	WB-A0402	WP-E0134
0730	1	LE-P800A	Level Element	DAF TNKP800A Level					Bracket	Supply Contractor	E&I Contractor		I120	WP-P0011	WB-A0455	WB-A0401	WP-E0134
0731	1	SOL-P820A	Solenoid Actuator	DAF Basin Headwall Spray Wash Header Valve (TNKP800A)						Supply Contractor	Mech. Contractor			WP-P0011			WP-E0134
0732	1	SOL-P820B	Solenoid Actuator	DAF Basin Float Trough Spray Wash Valve (TNKP800A)						Supply Contractor	Mech. Contractor			WP-P0011			WP-E0134
0733	1	PT-P900A	Pressure Indicator Transmitter	DAF Air Receiver Pressure			Loop Powered	TBC		E&I Contractor	E&I Contractor		I111	WP-P0016			WR-E0132
0734	1	PS-P910A	Pressure Switch	Air Compressor CMPP910A High Outlet Air Pressure						Supply Contractor	Mech. Contractor	Wired to local control panel	I115	WP-P0016			WR-E0132
0735	3	PI-P910A	Pressure Indicator	Air Compressor CMPP910A Outlet Air Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0736	1	TS-P910A	Temperature Switch	Air Compressor CMPP910A High Outlet Air Temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0016			WR-E0132
0737	1	TI-P910A	Temperature Indicator	Air Compressor CMPP910A Outlet Air Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0016			WR-E0132
0738	3	PI-P911A	Pressure Indicator	Air Receiver PV-P910A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0739	3	PI-P911D	Pressure Indicator	Filter Inlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0740	3	PI-P911E	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0741	3	PI-P911F	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0742	3	PI-P911G	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0743	1	PS-P920A	Pressure Switch	Air Compressor CMPP920A High Outlet Air Pressure						Supply Contractor	Mech. Contractor	Wired to local control panel	I115	WP-P0016			WR-E0132
0744	3	PI-P920A	Pressure Indicator	Air Compressor CMPP920A Outlet Air Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0745	1	TS-P920A	Temperature Switch	Air Compressor CMPP920A High Outlet Air Temperature						Supply Contractor	Mech. Contractor	Wired to local control panel		WP-P0016			WR-E0132
0746	1	TI-P920A	Temperature Indicator	Air Compressor CMPP920A Outlet Air Temperature						Supply Contractor	Mech. Contractor		I131	WP-P0016			WR-E0132
0747	3	PI-P921A	Pressure Indicator	Air Receiver PV-P920A Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0748	3	PI-P921D	Pressure Indicator	Filter Inlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0749	3	PI-P921E	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0750	3	PI-P921F	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0751	3	PI-P921G	Pressure Indicator	FilterOutlet Pressure						Supply Contractor	Mech. Contractor		I112	WP-P0016		WB-M0464	WR-E0132
0752	2	PT-P930A	Pressure Indicator/Level Transmitter	DAF Float Sump P930A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0018	WB-A0465	WB-A0408	WP-E0113
0753	2	PT-P930B	Pressure Indicator/Level Transmitter	DAF Float Sump P930A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0018	WB-A0465	WB-A0408	WP-E0113
0754	3	PI -P931A	Pressure Indicator	DAF Float Transfer Pump P931A Discharge				0-11mlrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0018		WB-M0464	
0755	3	PI-P932A	Pressure Indicator	DAF Float Transfer Pump P932A Discharge				0-11mlrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0018		WB-M0464	
0756	2	PT-P940A	Pressure Indicator/Level Transmitter	DAF Float Sump P940A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0018	WB-A0465	WB-A0408	WP-E0113
0757	2	PT-P940B	Pressure Indicator/Level Transmitter	DAF Float Sump P940A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0018	WB-A0465	WB-A0408	WP-E0113
0758	3	PI -P941A	Pressure Indicator	DAF Float Transfer Pump P941A Discharge				0-11mlrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0018		WB-M0464	
0759	3	PI -P942A	Pressure Indicator	DAF Float Transfer Pump P942A Discharge				0-11mlrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0018		WB-M0464	

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0760	2	PT-P950A	Pressure Indicator/Level Transmitter	DAF Float Sump P950A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0019	WB-A0465	WB-A0408	WP-E0114
0761	2	PT-P950B	Pressure Indicator/Level Transmitter	DAF Float Sump P950A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0019	WB-A0465	WB-A0408	WP-E0114
0762	3	PI -P951A	Pressure Indicator	DAF Float Transfer Pump P951A Discharge				0-11mtrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0019		WB-M0464	
0763	3	PI -P952A	Pressure Indicator	DAF Float Transfer Pump P952A Discharge				0-11mtrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0019		WB-M0464	
0764	2	PT-P960A	Pressure Indicator/Level Transmitter	DAF Float Sump P960A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0019	WB-A0465	WB-A0408	WP-E0114
0765	2	PT-P960B	Pressure Indicator/Level Transmitter	DAF Float Sump P960A Level			Loop Powered	0-100 Kpa	Flange	E&I Contractor	E&I Contractor		I111	WP-P0019	WB-A0465	WB-A0408	WP-E0114
0766	3	PI -P961A	Pressure Indicator	DAF Float Transfer Pump P961A Discharge				0-11mtrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0019		WB-M0464	
0767	3	PI -P962A	Pressure Indicator	DAF Float Transfer Pump P962A Discharge				0-11mtrs	Pipe	Mech. Contractor	Mech. Contractor	Refer to PID for full installation requirements	I112	WP-P0019		WB-M0464	
0768	0	LS-P970A	Level Switch	DAF Effluent Channel West Side (Train 1)			120V	2.4 mtrs from bottom of channel	Flange	E&I Contractor	E&I Contractor		I125	WP-P0017	WB-A0463	WB-A0406	WP-E0133
0769	0	LT-P970A	Level Indicator Transmitter	DAF Effluent Channel West Side (Train 1)			120V	0-5 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WP-P0017	WB-A0455	WB-A0402	WP-E0133
0770	0	LE-P970A	Level Element	DAF Effluent Channel West Side (Train 1)					Flange	E&I Contractor	E&I Contractor		I120	WP-P0017	WB-A0455	WB-A0401	WP-E0133
0771	0	LS-P971A	Level Switch	DAF Effluent Channel East Side (Train 2)			120V	2.4 mtrs from bottom of channel	Flange	E&I Contractor	E&I Contractor		I125	WP-P0017	WB-A0463	WB-A0406	WP-E0134
0772	0	LT-P971A	Level Indicator Transmitter	DAF Effluent Channel East Side (Train 2)			120V	0-5 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WP-P0017	WB-A0455	WB-A0402	WP-E0134
0773	0	LE-P971A	Level Element	DAF Effluent Channel East Side (Train 2)					Flange	E&I Contractor	E&I Contractor		I120	WP-P0017	WB-A0455	WB-A0401	WP-E0134
0774	2	AE-P975A	Turbidity Sensor	DAF Common Effluent Channel Turbidity					Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WP-P0017			WP-E0113
0775	2	AT-P975A	Turbidity Analyzer/ Transmitter	DAF Common Effluent Channel Turbidity				3-5 NTU	Backboard	E&I Contractor	E&I Contractor	Analyzer assembly mounted on HDPE wall mounted panel	I162	WP-P0017			WP-E0113
0776	1	FI-P975A	Sample Flow Indicator	DAF Common Effluent Channel Turbidity Sample Flow					Backboard	E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WP-P0017			WP-E0113
0777	1	FS-P975A	Flow Switch	DAF Common Effluent Channel Turbidity Low Sample Flow					Backboard	E&I Contractor	E&I Contractor			WP-P0017			WP-E0113
0778	1	AE-P976A	pH Element	DAF Common Effluent Channel pH					Backboard	E&I Contractor	E&I Contractor		I165	WP-P0017			WP-E0113
0779	1	AT-P976A	pH Indicator Transmitter	DAF Common Effluent Channel pH				4-8	Backboard	E&I Contractor	E&I Contractor		I165	WP-P0017			WP-E0113
0780	1	LE-P980A	Level Element	DAF Area Process Sump Pump Level					Bracket	E&I Contractor	E&I Contractor		I120	WP-P0020	WB-A0455	WB-A0401	WA-E0102
0781	1	LT-P980A	Level Indicator Transmitter	DAF Area Process Sump Pump Level			120V	0-4 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WP-P0020	WB-A0455	WB-A0402	WA-E0102
0782	1	LE-P980B	Level Element	DAF Area Process Sump Pump Level					Bracket	E&I Contractor	E&I Contractor		I120	WP-P0020	WB-A0455	WB-A0401	WA-E0102
0783	1	LT-P980B	Level Indicator Transmitter	DAF Area Process Sump Pump Level			120V	0-4 m	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WP-P0020	WB-A0455	WB-A0402	WA-E0102
0784	2	FT-P990A	Flow Indicator Transmitter	Sump P930A and Sump P940A Float Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0018	WB-A0453	WB-A0402	WP-M0209
0785	2	FE-P990A	Flow Element	Sump P930A and Sump P940A Float Flow				0-25 L/s	Flange	E&I Contractor	Mech. Contractor	75 mm	I100	WP-P0018	WB-A0453	WB-A0453	WP-M0209
0786	2	FT-P993A	Flow Indicator Transmitter	Sump P950A and Sump P960A Float Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WP-P0019	WB-A0453	WB-A0402	WP-M0209
0787	2	FE-P993A	Flow Element	Sump P950A and Sump P960A Float Flow				0-25 L/s	Flange	E&I Contractor	Mech. Contractor	75 mm	I100	WP-P0019	WB-A0453	WB-A0453	WP-M0209
0788	2	AE-R001A	Turbidity/TSS Monitor	Washwater Recovery Tanks Sludge to Flocculation Chamber Turbidity Suspended Solids Monitor					In Line	E&I Contractor	E&I Contractor	Sensor mounted inline	I160	WR-P0006	WB-A0462	WB-A0410	WR-E0401
0789	2	AT-R001A	Turbidity/TSS Monitor	Washwater Recovery Tanks Sludge to Flocculation Chamber Turbidity Suspended Solids Monitor			120V	0-50 g/l	Wall/Stand	E&I Contractor	E&I Contractor		I160	WR-P0006	WB-A0462	WB-A0410	WR-E0401
0790	2	FT-R001B	Flow Indicator Transmitter	Washwater Recovery Tanks Sludge to Flocculation Chamber Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WR-P0006	WB-A0453	WB-A0402	WR-E0401
0791	2	FE-R001B	Flow Element	Washwater Recovery Tanks Sludge to Flocculation Chamber Flow				0-2500 l/m	Flange	E&I Contractor	Mech Contractor	150 mm	I100	WR-P0006	WB-A0453	WB-A0453	WR-E0401
0792	0	LS-R001A	Multiple Point Conductivity Level Switch	Flocculation Chamber Level Switch			120V	Low setpoint 0.1 mtr from bottom of chamber High setpoint 0.94 mtrs from bottom of chamber High high setpoint 1.1 mtrs from bottom of chamber	Bracket	E&I Contractor	E&I Contractor		I126	WR-P0006	WB-A0458	N/A	WR-E0401

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0793	0	LY-R001A	Level Relay	Flocculation Chamber Low Level Relay			120V		Junction Box	E&I Contractor	E&I Contractor	Relays mounted in local junction box		WR-P0006			WR-E0401
0794	0	LY-R001B	Level Relay	Flocculation Chamber High Level Relay			120V		Junction Box	E&I Contractor	E&I Contractor	Relays mounted in local junction box		WR-P0006			WR-E0401
0795	0	LY-R001C	Level Relay	Flocculation Chamber High High Level Relay			120V		Junction Box	E&I Contractor	E&I Contractor	Relays mounted in local junction box		WR-P0006			WR-E0401
0796	3	PI-R001A	Pressure Indicator	Washwater Recovery Tanks Sludge to Flocculation Chamber Pressure				0-150 Kpa	Pipe	Mech Contractor	Mech Contractor	Refer to PID for full installation requirements	I112	WR-P0006		WB-M0464	
0797	3	AE-R010A	Turbidity/TSS Monitor	Washwater Recovery Tank Supernatant Suspended Solids Monitor					In Line	E&I Contractor	E&I Contractor	Mounted on backboard	I162	WR-P0006	WB-A0462	WB-A0410	WR-E0401
0798	3	AT-R010A	Turbidity/TSS Monitor	Washwater Recovery Tank Supernatant Suspended Solids Monitor			120V	0-50 g/l	Wall/ Stand	E&I Contractor	E&I Contractor	Mounted on backboard	I162	WR-P0006	WB-A0462	WB-A0410	WR-E0401
0799	0	FI-R010A	Flow Indicator	Washwater Recovery Tank Supernatant Suspended Solids Monitor Sample Pump Outlet Flow						E&I Contractor	E&I Contractor	Rotameter Complete With Low Flow Switch		WR-P0006			WR-E0401
0800	0	FS-R010A	Flow Switch	Washwater Recovery Tank Supernatant Suspended Solids Monitor Sample Pump Outlet Flow Switch			120V			E&I Contractor	E&I Contractor			WR-P0006			WR-E0401
0801	0	LS-R010A	Conductivity Level Switch	Washwater Recovery Tank Inlet Channel High Level			120V	1.05 mtrs from floor of channel	Flange	E&I Contractor	E&I Contractor	Mounted to monitor flow over the weir	I126	WR-P0001	WB-A0458	N/A	WR-E0122
0802	0	LS-R010B	Conductivity Level Switch	Washwater Recovery Tank Inlet Channel High Level			120V	1.05 mtrs from floor of channel	Flange	E&I Contractor	E&I Contractor	Mounted to monitor flow over the weir	I126	WR-P0001	WB-A0458	N/A	WR-E0123
0803	0	SP-R010A	Sample Pump	Washwater Recovery Tank Supernatant Suspended Solids Monitor Sample Pump			120V	To suit required sample flow rate	Floor	Mech Contractor	Mech Contractor			WR-P0006			WR-E0401
0804	0	LS-R020A	Level Switch	Supernatant Pump Station Low Low Level			120V	2.25 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0007	WB-A0463	WB-A0406	WR-E0401
0805	0	LS-R020B	Level Switch	Supernatant Pump Station High High Level			120V	7.4 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0007	WB-A0463	WB-A0406	WR-E0401
0806	0	LT-R020A	Level Indicator Transmitter	Supernatant Pump Station Level			120V	0-8.5 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0007	WB-A0455	WB-A0402	WR-E0401
0807	0	LE-R020A	Level Element	Supernatant Pump Station Level					Bracket	E&I Contractor	E&I Contractor		I120	WR-P0007	WB-A0455	WB-A0401	WR-E0401
0808	0	LS-R020C	Multiple Point Conductivity Level Switch	Overflow Channel Level Switch			120V	High setpoint 0.74 mtrs from bottom of chamber High high setpoint 0.84 mtrs from bottom of chamber	Flange	E&I Contractor	E&I Contractor		I126	WR-P0007	WB-A0458		WR-E0122
0809		LS-R020D	Multiple Point Conductivity Level Switch	Overflow Channel Level Switch			120V	High setpoint 0.74 mtrs from bottom of chamber High high setpoint 0.84 mtrs from bottom of chamber	Flange	E&I Contractor	E&I Contractor		I126	WR-P0007	WB-A0458		WR-E0122
0810	1	SY-R021A	Reverse Spin Relay	Supernatant Pump P-R021A Reverse Spin Relay						Mech Contractor	Mech Contractor	Part of speed transmitter		WR-P0007			WR-E0401
0811	1	ST-R021A	Speed Indicator Transmitter	Supernatant Pump P-R021A Speed Indicator Transmitter						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0812	1	SOL-R021B	Solenoid Actuator	Supernatant Pump P-R021A Outlet Control Valve Solenoid Operator					Valve	Mech Contractor	Mech Contractor	Wired to MCC		WR-P0007			
0813	3	TE-R021B	Temperature Sensor	Supernatant Pump P-R021A Winding Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0814	3	TE-R021C	Temperature Sensor	Supernatant Pump P-R021A Bottom Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0815	3	TE-R021D	Temperature Sensor	Supernatant Pump P-R021A Top Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0816	1	VT-R021A	Vibration Transmitter	Supernatant Pump P-R021A Vibration Sensor/ Transmitter						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0817	1	SY-R022A	Reverse Spin Relay	Supernatant Pump P-R022A Reverse Spin Relay						Mech Contractor	Mech Contractor	Part of speed transmitter		WR-P0007			WR-E0401
0818	1	ST-R022A	Speed Indicator Transmitter	Supernatant Pump P-R022A Speed Indicator Transmitter						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0819	1	SOL-R022B	Solenoid Actuator	Supernatant Pump P-R022A Outlet Control Valve Solenoid Operator					Valve	Mech Contractor	Mech Contractor	Wired to MCC		WR-P0007			
0820	3	TE-R022B	Temperature Sensor	Supernatant Pump P-R022A Winding Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0821	3	TE-R022C	Temperature Sensor	Supernatant Pump P-R022A Bottom Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0822	3	TE-R022D	Temperature Sensor	Supernatant Pump P-R022A Top Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0823	1	VT-R022A	Vibration Transmitter	Supernatent Pump P-R022A Vibration Sensor/ Transmitter						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0824	1	SY-R023A	Reverse Spin Relay	Supernatent Pump P-R023A Reverse Spin Relay						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0825	1	SOL-R023B	Solenoid Actuator	Supernatent Pump P-R023A Outlet Control Valve Solenoid Operator					Valve	Mech Contractor	Mech Contractor	Wired to MCC		WR-P0007			
0826	3	TE-R023B	Temperature Sensor	Supernatent Pump P-R023A Winding Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0827	3	TE-R023C	Temperature Sensor	Supernatent Pump P-R023A Bottom Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0828	3	TE-R023D	Temperature Sensor	Supernatent Pump P-R022A Top Bearing Temperature					Pump	Mech Contractor	Mech Contractor	Wired to MCC	I131	WR-P0007			
0829	1	VT-R023A	Vibration Switch	Supernatent Pump P-R023A Vibration Sensor/ Transmitter						Mech Contractor	Mech Contractor	Mounted local to pump with repeat indication at MCC		WR-P0007			WR-E0401
0830	2	AE-R024A	Turbidity/ TSS Monitor	Supernatent Pump Station Outlet Turbidity/TSS					Inline	Mech Contractor	Mech Contractor	Sensor mounted inline	I160	WR-P0007			WR-E0401
0831	2	AT-R024A	Turbidity/ TSS Analyzer	Supernatent Pump Station Outlet Turbidity/TSS					Wall/ Stand	Mech Contractor	Mech Contractor		I160	WR-P0007			WR-E0401
0832	2	FE-R024A	Flow Element	Supernatent Pump Station Outlet Flow				0-3500 l/m	Flange	E&I Contractor	Mech Contractor	600mm	I100	WR-P0007	WB-A0453	WB-A0453	WR-E0401
0833	2	FT-R024A	Flow Indicator Transmitter	Supernatent Pump Station Outlet Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WR-P0007	WB-A0453	WB-A0402	WR-E0401
0834	3	PI-R024A	Pressure Indicator	Supernatent Pump Station Outlet Pressure				0-400 Kpa	Pipe	Mech Contractor	Mech Contractor	Refer to PID for full installation requirements	I112	WR-P0007		WB-M0464	
0835	0	SOL-R024B	Solenoid Valve	Supernatent Pump Station Pump Control Valve Solenoid Operator					Valve	Mech Contractor	E&I Contractor			WR-P0007			
0836	0	LS-R100A	Level Switch	Washwater Recovery Tank WRTR100A Low Low Level			120V	6.2 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0002	WB-A0463	WB-A0406	WR-E0401
0837	0	LS-R100B	Level Switch	Washwater Recovery Tank WRTR100A High High Level			120V	2.1 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0002	WB-A0463	WB-A0406	WR-E0401
0838	0	LT-R100D	Level Indicator Transmitter	Washwater Recovery Tank WRTR100A Level			120V	0-6 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0002	WB-A0455	WB-A0402	WR-E0401
0839	0	LE-R100D	Level Element	Washwater Recovery Tank WRTR100A Level					Flange	E&I Contractor	E&I Contractor		I120	WR-P0002	WB-A0455	WB-A0401	WR-E0401
0840	0	LT-R100E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve			120V	0-4000NTU 0-50 g/l	Wall/ Stand	E&I Contractor	E&I Contractor		I160	WR-P0002	WB-A0462	WB-A0410	WR-E0122
0841	2	LE-R100E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve					In Liquid	E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0002	WB-A0462	WB-A0410	WR-E0122
0842	0	LS-R200A	Level Switch	Washwater Recovery Tank WRTR200A Low Low Level			120V	6.2 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0003	WB-A0463	WB-A0406	WR-E0401
0843	0	LS-R200B	Level Switch	Washwater Recovery Tank WRTR200A High High Level			120V	2.1 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0003	WB-A0463	WB-A0406	WR-E0401
0844	0	LT-R200D	Level Indicator Transmitter	Washwater Recovery Tank WRTR200A Level			120V	0-6 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0003	WB-A0455	WB-A0402	WR-E0401
0845	0	LE-R200D	Level Element	Washwater Recovery Tank WRTR200A Level					Flange	E&I Contractor	E&I Contractor		I120	WR-P0003	WB-A0455	WB-A0401	WR-E0401
0846	0	LT-R200E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve			120V	0-4000NTU 0-50 g/l	Wall/ Stand	E&I Contractor	E&I Contractor		I160	WR-P0003	WB-A0462	WB-A0410	WR-E0122
0847	2	LE-R200E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve					In Liquid	E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0003	WB-A0462	WB-A0410	WR-E0122
0848	0	LS-R300A	Level Switch	Washwater Recovery Tank WRTR300A Low Low Level			120V	6.2 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0004	WB-A0463	WB-A0406	WR-E0401
0849	0	LS-R300B	Level Switch	Washwater Recovery Tank WRTR300A High High Level			120V	2.1 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0004	WB-A0463	WB-A0406	WR-E0401
0850	0	LT-R300D	Level Indicator Transmitter	Washwater Recovery Tank WRTR300A Level			120V	0-6 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0004	WB-A0455	WB-A0402	WR-E0401
0851	0	LE-R300D	Level Element	Washwater Recovery Tank WRTR300A Level					Flange	E&I Contractor	E&I Contractor		I120	WR-P0004	WB-A0455	WB-A0401	WR-E0401
0852	0	LT-R300E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve			120V	0-4000NTU 0-50 g/l	Wall/ Stand	E&I Contractor	E&I Contractor		I160	WR-P0004	WB-A0462	WB-A0410	WR-E0122
0853	2	LE-R300E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve					In Liquid	E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0004	WB-A0462	WB-A0410	WR-E0122
0854	0	LS-R400A	Level Switch	Washwater Recovery Tank WRTR400A Low Low Level			120V	6.2 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0005	WB-A0463	WB-A0406	WR-E0401
0855	0	LS-R400B	Level Switch	Washwater Recovery Tank WRTR400A High High Level			120V	2.1 mtrs from slab	Flange	E&I Contractor	E&I Contractor		I125	WR-P0005	WB-A0463	WB-A0406	WR-E0401
0856	0	LT-R400D	Level Indicator Transmitter	Washwater Recovery Tank WRTR400A Level			120V	0-6 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0005	WB-A0455	WB-A0402	WR-E0401
0857	0	LE-R400D	Level Element	Washwater Recovery Tank WRTR400A Level					Flange	E&I Contractor	E&I Contractor		I120	WR-P0005	WB-A0462	WB-A0410	WR-E0401
0858	0	LT-R400E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve			120V	0-4000NTU 0-50 g/l	Wall/ Stand	E&I Contractor	E&I Contractor		I160	WR-P0005	WB-A0462	WB-A0410	WR-E0122
0859	2	LE-R400E	Turbidity/TSS Monitor	Washwater Recovery Tank WRTR100A Turbidity/TSS Leve					In Liquid	E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0005	WB-A0462	WB-A0410	WR-E0122
0860	2	AE-R500B	TSS Analyser Sensor	Gravity Thickener GT500A TSS						E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0008			WR-E0401
0861	2	AT-R500B	TSS Analyser Indicator Transmitter	Gravity Thickener GT500A TSS						E&I Contractor	E&I Contractor		I160	WR-P0008			WR-E0401
0862	2	AE-R500C	Turbidity Analyser Sensor	Gravity Thickener GT500A Turbidity						E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0008			WR-E0401
0863	2	AT-R500C	Turbidity Analyser Indicator Transmitter	Gravity Thickener GT500A Turbidity						E&I Contractor	E&I Contractor		I160	WR-P0008			WR-E0401
0864	0	LS-R500A	Level Switch	Gravity Thickener GT500A High Level			120V	6.8 mtrs from bottom of tank	Bracket	E&I Contractor	E&I Contractor		I125	WR-P0008	WB-A0463	WB-A0406	WR-E0401

INSTRUMENT INDEX

RECORD NO.	REV. No.	TAG NAME	DESCRIPTION		MANUFACTURER	MODEL	POWER SUPPLY	CALIBRATED RANGE	MOUNTING	SUPPLIED BY	INSTALLED BY	COMMENTS	SPEC. DATA SHEET	P&ID DRAWING	INSTRUMENT LOOP DIA.	INSTALLATION DETAIL	LOCATION DWG.
			INSTRUMENT TYPE	SERVICE													
0865	0	VS-R500A	Torque Switch	Gravity Thickener GT500A High Torque Switch						Mech Contractor	Mech Contractor			WR-P0008			WR-E0401
0866	2	AE-R600B	TSS Analyser Sensor	Gravity Thickener GT600A TSS						E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0008			WR-E0401
0867	2	AT-R600B	TSS Analyser Indicator Transmitter	Gravity Thickener GT600A TSS						E&I Contractor	E&I Contractor		I160	WR-P0008			WR-E0401
0868	2	AE-R600C	Turbidity Analyser Sensor	Gravity Thickener GT600A Turbidity						E&I Contractor	E&I Contractor	Sensor suspended in tank	I160	WR-P0008			WR-E0401
0869	2	AT-R600C	Turbidity Analyser Indicator Transmitter	Gravity Thickener GT600A Turbidity						E&I Contractor	E&I Contractor		I160	WR-P0008			WR-E0401
0870	0	LS-R600A	Level Switch	Gravity Thickener GT600A High Level			120V	6.8 mtrs from bottom of tank	Bracket	E&I Contractor	E&I Contractor		I125	WR-P0008	WB-A0463	WB-A0406	WR-E0401
0871	0	VS-R600A	Torque Switch	Gravity Thickener GT600A High Torque Switch						Mech Contractor	Mech Contractor			WR-P0008			WR-E0401
0872	0	LE-R710D	Level Element	Thickened Sludge Tank TKR710 Level						E&I Contractor	E&I Contractor		I120	WR-P0009	WB-A0455	WB-A0401	WR-E0401
0873	0	LT-R710D	Level Indicator Transmitter	Thickened Sludge Tank TKR710 Level			120V	0-8.3 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0009	WB-A0455	WB-A0402	WR-E0401
0874	0	LS-R710A	Level Switch	Thickened Sludge Tank TKR710 Low Low Leve			120V	1.4 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0009	WB-A0463	WB-A0406	WR-E0401
0875	0	LS-R710B	Level Switch	Thickened Sludge Tank TKR710 High High Leve			120V	8 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0009	WB-A0463	WB-A0406	WR-E0401
0876	0	LE-R720D	Level Element	Thickened Sludge Tank TKR720 Level						E&I Contractor	E&I Contractor		I120	WR-P0009	WB-A0455	WB-A0401	WR-E0401
0877	0	LT-R720D	Level Indicator Transmitter	Thickened Sludge Tank TKR720 Level			120V	0-8.3 mtrs	Wall/ Stand	E&I Contractor	E&I Contractor		I120	WR-P0009	WB-A0455	WB-A0402	WR-E0401
0878	0	LS-R720A	Level Switch	Thickened Sludge Tank TKR720 Low Low Leve			120V	1.4 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0009	WB-A0463	WB-A0406	WR-E0401
0879	0	LS-R720B	Level Switch	Thickened Sludge Tank TKR720 High High Leve			120V	8 mtrs from bottom of tank	Flange	E&I Contractor	E&I Contractor		I125	WR-P0009	WB-A0463	WB-A0406	WR-E0401
0880	3	AE-R730B	TSS Analyser Sensor	Thickened Sludge to Freeze Thaw Ponds TSS					Inline	E&I Contractor	E&I Contractor		I160	WR-P0009			WR-E0401
0881	3	AT-R730B	TSS Analyser Indicator Transmitter	Thickened Sludge to Freeze Thaw Ponds TSS					Wall/ Stand	E&I Contractor	E&I Contractor		I160	WR-P0009			WR-E0401
0882	3	FE-R730A	Flow Element	Thickened Sludge to Freeze Thaw Ponds Flow				0-1400 l/m	Flange	E&I Contractor	E&I Contractor	100 mm	I100	WR-P0009	WB-A0453	WB-A0453	WR-E0401
0883	3	FT-R730A	Flow Indicator Transmitter	Thickened Sludge to Freeze Thaw Ponds Flow			120V		Wall/Stand	E&I Contractor	E&I Contractor		I100	WR-P0009	WB-A0453	WB-A0402	WR-E0401
0884	3	PI-R730	Pressure Indicator	Thickened Sludge to Freeze Thaw Ponds Pressure				0-400Kpa	Pipe	Mech Contractor	Mech Contractor	Refer to PID for full installation requirements	I112	WR-P0009		WB-M0464	
0885	0	SOL-R730A	Solenoid Valve	Thickened Sludge to Freeze Thaw Ponds Pump Outlet Control Valve Solenoid Operator						Mech Contractor	E&I Contractor			WR-P0009			WR-E0401
0886	3	PT-I011B	Pressure Transmitter Indicator	Raw Water Main 1 Pressure			Loop Powered		Manifold	E&I Contractor	E&I Contractor		I111	WP-P0001	WB-A0465	WB-A0408	WA-E0102
0887	3	PT-I012B	Pressure Transmitter Indicator	Raw Water Main 2 Pressure			Loop Powered		Manifold	E&I Contractor	E&I Contractor		I111	WP-P0001	WB-A0465	WB-A0408	WA-E0102