EXAMPLE INSTRUMENT LIST
Pump Station

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		DEVICE								ALARM and SHUTDOWN LIMITS						AI FAULT	
Count	Item	PLC I/O Address	INSTRUMENT DEVICE TAG NAME	PLC CONDITIONED TAG NAME	Device Description	Min	Max	Units	ESD	Other X	Low SDN LL	Low ALM L	Control/ Normal Ctrl	High ALM H	High SDN HH	Alm	SDN
	ANALOG INPUT DEVICES (4-20mA)																
1	AI-1	%AI0001	PT_1000	PT_1000	Pipeline Pressure	0	100	PSI			30	40	60	70	80		ELF
2	AI-2	%AI0002															
	ANALOG OUTPUT DEVICES (4-20mA)																
1	AO-1	%AQ0001	SR_VFD1	SR_VFD1	VFD 1 Demand	0	60	Hz									
2	AO-2	%AQ0002	SR_VFD2	SR_VFD2	VFD 2 Demand	0	60	Hz									
3	AO-3	%AQ0003															
4	AO-4	%AQ0004															
	DIGITAL INPUT DEVICES																
1	DI-1	%I0001	HS_P1HAND	HS_P1HAND	P1 Hand												
2	DI-2	%I0002	HS_P1AUTO	HS_P1AUTO	P1 Auto												
3	DI-3	%I0003	HS_P2HAND	HS_P2HAND	P2 Hand												
4	DI-4	%I0004	HS_P2AUTO	HS_P2AUTO	P2 Auto												
5	DI-5	%I0005	PB_RESET	PB_RESET	Reset												
6	DI-6	%I0006	RS_VFD1	RS_VFD1	VFD 1 Run Status												
7	DI-7	%I0007	FLT_VFD1	FLT_VFD1	VFD 1 Fault												
8	DI-8	%I0008	RS_VFD2	RS_VFD2	VFD 2 Run Status												
9	DI-9	%I0009	FLT_VFD2	FLT_VFD2	VFD 2 Fault												
10	DI-10	%I0010	SD_SMOKE	SD_SMOKE	Smoke Detector				x								
11	DI-11	%I0011	SD_HEAT	SD_HEAT	Heat Detector				x								
12	DI-12	%I0012															
	DIGITIAL OUTPUT DEVICES																
1	DO-1	%Q0001	VFD1_FWD	VFD1_FWD	VFD 1 Forward								Energized				
2	DO-2	%Q0002	VFD1_RESET	VFD1_RESET	VFD 1 Reset												
3	DO-3	%Q0003	VFD1_SPD1	VFD1_SPD1	VFD 1 Speed Control Enable								Energized				
4	DO-4	%Q0004	VFD2_FWD	VFD2_FWD	VFD 2 Forward								Energized				
5	DO-5	%Q0005	VFD2_RESET	VFD2_RESET	VFD 2 Reset												
6	DO-6	%Q0006	VFD2_SPD1	VFD2_SPD1	VFD 2 Speed Control Enable								Energized				
7	DO-7	%Q0007															
8	DO-8	%Q0008															
9	DO-9	%Q0009															
10	DO-10	%Q0010															
11	DO-11	%Q0011															
12	DO-12	%Q0012															