



Figure 2-29 ISEP Surge Tank Skid

Table 2.3 Product Circuit Control Devices

Circuit	Device Tag #	Figure	Description
Anion	AIT100	Figure 2-40	pH Sensor
	CIT100	Figure 2-40	Conductivity sensor
	FCV100	Figure 2-30	Flow control valve
	FCV101	Figure 2-30	Flow control valve (Beer On)
	FIT100	Figure 2-30, Figure 2-35	Flow meter
	FIT101	Figure 2-31	Flow meter
	LI100	Figure 2-30	Surge tank level sensor
	P100	Figure 2-30, Figure 2-33	Pump
	PIT100	Figure 2-30	Pressure sensor
	XSV100	Figure 2-33	Blocking valve
	XSV101	Figure 2-35	Blocking valve
	XSV103	Figure 2-34	3-Way divert valve
	XSV809	Figure 2-30	Blocking valve

Clear Malt Base Process

Section 2 ISEP Process

Circuit	Device Tag #	Figure	Description
Cation	AIT200	Figure 2-41	pH Sensor
	CIT200	Figure 2-41	Conductivity sensor
	FCV200	Figure 2-30	Flow control valve
	FCV201	Figure 2-31, Figure 2-37	Flow control valve (Beer On)
	FIT200	Figure 2-30, Figure 2-35	Flow meter
	FIT201	Figure 2-32, Figure 2-37	Flow meter
	LI200	Figure 2-31	Surge tank level sensor
	P200	Figure 2-31	Pump
	PIT200	Figure 2-30	Pressure sensor
	XSV200	Figure 2-31	Blocking valve
	XSV201	Figure 2-36	Blocking valve
	XSV202	Figure 2-36	Blocking valve
	XSV203	Figure 2-34	3-Way divert valve
	XSV811	Figure 2-37	Blocking valve
Decolorizer	AIT300	Figure 2-42	pH Sensor
	CIT300	Figure 2-42	Conductivity sensor
	FCV300	Figure 2-31, Figure 2-37	Flow control valve
	FCV301	Figure 2-32, Figure 2-38, Figure 2-31	Flow control valve (Beer On)
	FIT300	Figure 2-31, Figure 2-36	Flow meter
	LI300	Figure 2-32	Surge tank level sensor
	P300	Figure 2-32, Figure 2-33	Pump
	PIT300	Figure 2-31, Figure 2-37	Pressure sensor
	XSV300	Figure 2-33	Blocking valve
	XSV301	Figure 2-32	Blocking valve
	XSV302	Figure 2-32, Figure 2-38	Blocking valve
	XSV303	Figure 2-34	3-Way divert valve
	XSV813	Figure 2-38	Blocking valve
	All Carousels	Resin Strainer	Figure 2-30, Figure 2-39