

ZONE	REV	DESCRIPTION	E.O.	REVISED BY	DATE	APPR
MPTL	LTR			rjwjr	08FEB12	
M	MULTIPLE					

ALL NEGATIVE DC CONNECTIONS ON THE PLC ANALOG INPUT CARDS ARE TO BE TIED TOGETHER AND CONNECTED TO THE NEGATIVE CONNECTION ON THE POWER SUPPLY FOR THE PLC

PLC FUNCTIONS - HMI
 REMOTE FAN STOP START
 SYSTEM EMERGENCY STOP - REMOTE
 MONITOR PUMP SUMP TEMP
 MONITOR PUMP DISCHARGE TEMP
 MONITOR PUMP DISCHARGE PRESSURE
 MONITOR PUMP HIGH PRESSURE CUT OFF SWITCH
 PUMP 1 START / STOP
 PUMP 2 STOP / START
 SET PUMP OPERATING PRESSURE
 OPEN / CLOSE 2" BLEED VALVE
 HEATER STOP / START 1 & 2
 HEATER SELECTION
 VAPORIZER DISCHARGE TEMP
 HEATER OUTLET TEMP 1 & 2
 HEATER 1 TEMP SET POINT
 HEATER 2 TEMP SET POINT
 MONITOR DISCHARGE PRESSURE - V1
 MONITOR DISCHARGE PRESSURE - V2
 MONITOR DISCHARGE PRESSURE - V3
 SET PRESSURE - V1
 SET PRESSURE - V2
 SET PRESSURE - V3
 SET PRESSURE - V4
 MONITOR GEN-SET CONDITION

ORYOGENIC EXPERTS
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UNLESS OTHERWISE NOTED: FRACTIONS 1/8", 1/4", 3/8", 1/2", 3/4", 1" DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN MILLIMETERS	APPROVALS DESIGN: rjwjr CHECKED: [] MANUF: [] RELEASED: []	DATE 12Apr11	TITLE LOW PRESSURE NITROGEN SYSTEM ELECTRICAL SCHEMATIC	MODEL	SIZE FROM NO. B 55429	DWG. NO. ES 101107	REV. M
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