



LEGEND

	MANUAL VALVE
	BALL VALVE (MV100)
	CHECK VALVE (CV300)
	RELIEF VALVE (RV700)
	SINTERED METAL FILTER
	3-WAY VALVE (MV100)
	PRESSURE REGULATOR (PR200)
	Bleed Valve
	PRESSURE GAUGE (PG400)
	ALCOHOL SUPPLY SYSTEM
	BUBBLER - NEVER (BN200)
	BUBBLER - ALWAYS (BA200)
	ALCOHOL BUBBLER - ALWAYS (BA200)
	ROTAMETER
	LINK TO/FROM PLC
	VACUUM PUMP
	OXYGEN ANALYZER
	REDUCER (SIZES LISTED)
	TUBING OR PIPING CONNECTION
	FLEX HOSE (3000 PSI)
	ELECTRICAL CONNECTION
	MANIFOLD WITH SOLENOID VALVES (SV200)
	AUTO CHANGEOVER MANIFOLD
	INLINE FLOW RESTRICTOR (DIA 052)
	QUICK DISCONNECT
	CONTROL RELAY
	GAS PURIFIER (FILTER)

REARRANGE SYMBOLS

HALL D  
Detectors x 6  
0.3 l/min. x 6  
MANUAL Rotameters  
0.1-0.5 l/min.

- NOTES
- REFER TO OPERATORS MANUAL D00000-10-02-P001 FOR ALCOHOL SPECIFICATION AND REFILLING PROCEDURE
  - REFER TO OPERATORS MANUAL D00000-10-02-P001 FOR OIL SPECIFICATION, FILLING VOLUMES, AND REFILLING PROCEDURE
  - MASS FLOW CONTROLLERS WERE CALIBRATED USING NITROGEN GAS. FLOW RATES ARE AS FOLLOWS.
    - MFC1 = 4 SLM
    - MFC2 & 4 = 1.4 SLM
    - MFC3 = 2 SLM
    - MFC5 = 5 SLM
    - MFC6 = 9 = 0.5 SLM
  - FOR FURTHER SYSTEM INFORMATION, REFERENCE THE FOLLOWING DRAWINGS & PROCEDURES
    - D00000-10-02-0000 (GAS SYSTEM ASSY)
    - D00000-10-02-P002 (PRESSURE TEST SOP)
    - D00000-10-02-P001 (OPERATORS MANUAL)
    - D00000-10-02-A002 (SYSTEM ANALYSIS)