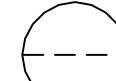
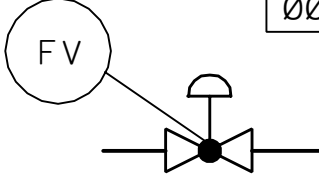
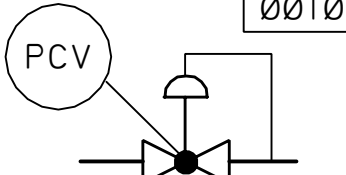
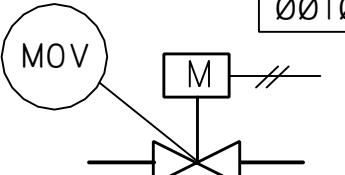
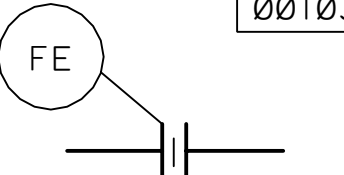
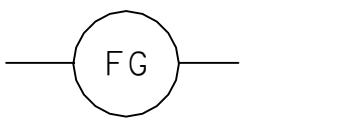
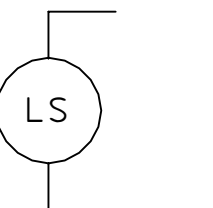
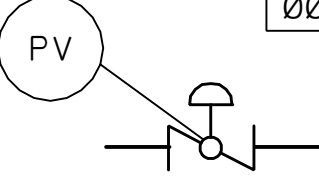
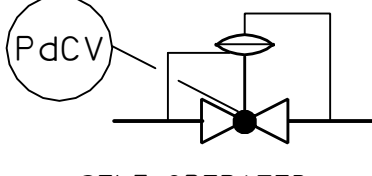
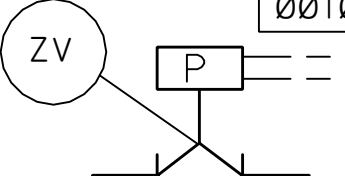
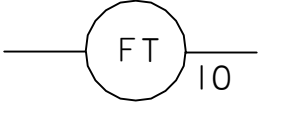
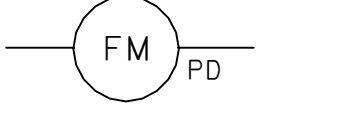
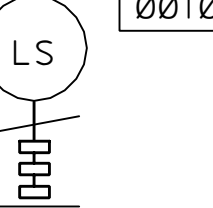
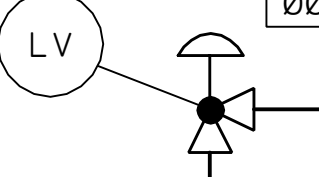
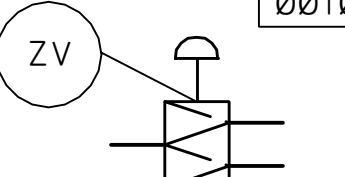
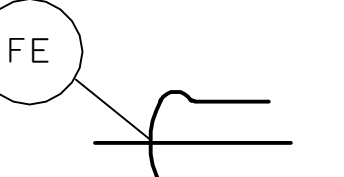
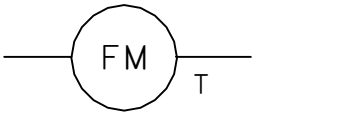
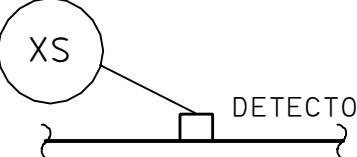
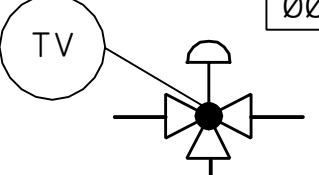
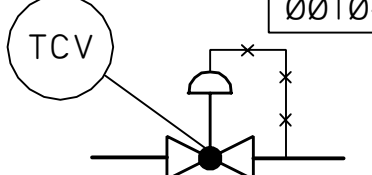
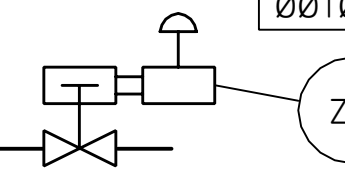
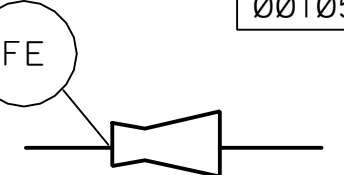
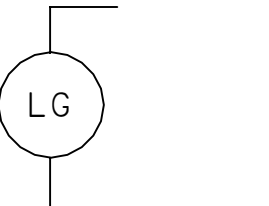
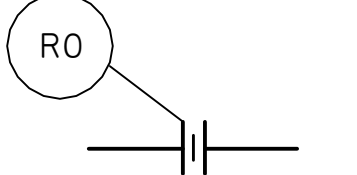
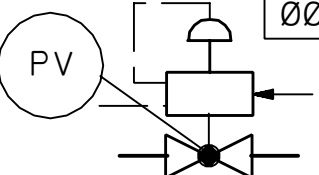
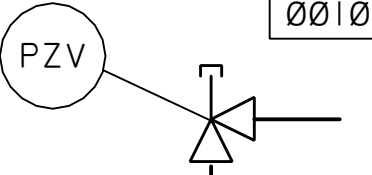
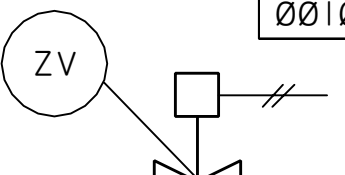
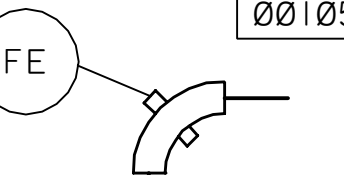
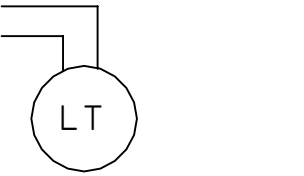
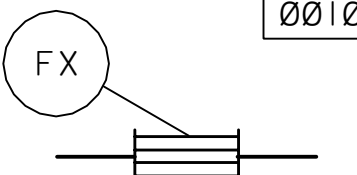
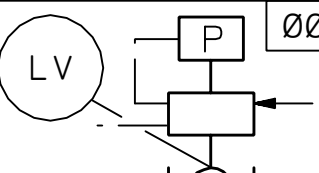
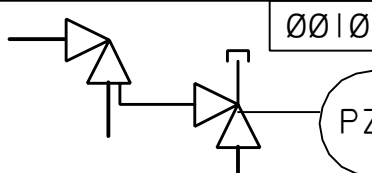
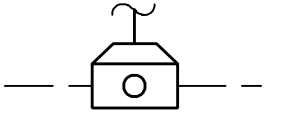
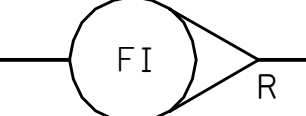
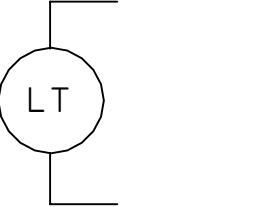
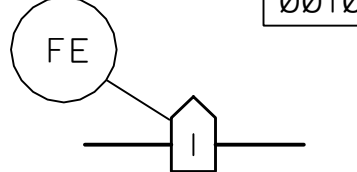
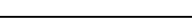
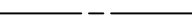
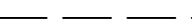
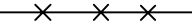


01	100	056950-JV	J	066
DWG. NO.	SHT. NO.	DRAWING NUMBER	INDEX	PLANT NO.

DRAWING NUMBER			INDEX			PLANT NO.			SHT. NO.			REV. NO.																							
																																			
001100 LOCALLY MOUNTED			001103 LOCAL BOARD MOUNTED			001102 CONTROL ROOM BOARD MOUNTED			ELECTRIC SUPPLY			AIR SUPPLY			ELECTRIC & AIR SUPPLY			001105 RACK MOUNTED (OR BACK OF PANEL)																	
			001038 DIAPHRAGM-OPERATED GLOBE TYPE CONTROL VALVE						001040 SELF-OPERATED PRESS. GLOBE TYPE CONTROL VALVE						001043 ELECTRIC MOTOR OPERATED GATE VALVE						001034 FLOW ELEMENT ORIFICE FLANGES						SIGHT FLOW INDICATOR						LEVEL SWITCH EXTERNALLY MOUNTED		
			001030 DIAPHRAGM-OPERATED BUTTERFLY CONTROL VALVE						SELF-OPERATED DIFFERENTIAL GLOBE TYPE PRESS. CONTROL VALVE						001036 PISTON-OPERATED PLUG VALVE						INTEGRAL ORIFICE						FLOW METER POSITIVE DISPLACEMENT						001066 MULTI-POSITION LEVEL SWITCH INTERNALLY MOUNTED		
			001006 DIAPHRAGM-OPERATED ANGLE TYPE CONTROL VALVE												001037 DIAPHRAGM-OPERATED FOUR-WAY VALVE						FLOW ELEMENT NOZZLE TYPE						FLOW METER TURBINE TYPE						DETECTOR SCRAPER SIGNAL DETECTOR		
			001039 DIAPHRAGM-OPERATED THREE-PORT VALVE						001045 SELF ACTUATED BULB TYPE GLOBE TYPE TEMP. CONTROL VALVE						001035 PNEUMATICALLY HYDRAULIC OPERATED GATE TYPE CONTROL VALVE						001057 FLOW ELEMENT VENTURI TYPE						LEVEL GAGE GLASS						RESTRICTION ORIFICE		
			001041 DIAPHRAGM-OPERATED GLOBE TYPE CONTROL VALVE WITH POSITIONER						001026 PRESSURE OR VACUUM RELIEF VALVE						001046 ELECTRIC SOLENOID OPERATED VALVE						001056 FLOW ELEMENT CALIBRATED ELBOW						LEVEL TRANSMITTER DIFF. PRESSURE TYPE						001050 FLOW STRAIGHTENING VANES		
			001049 PISTON-OPERATED BALL TYPE CONTROL VALVE WITH POSITIONER						001042 PILOT-OPERATED PRESSURE RELIEF VALVE						001048 INDICATING INSTRUMENT AIR SUPPLY REGULATOR WITH OR WITHOUT INTEGRAL FILTER.						001054 VARIABLE AREA FLOW METER (ROTAMETER)						LEVEL TRANSMITTER EXT. FLOAT/DISPL TYPE						001062 ORIFICE PLATE IN QUICK-CHANGE FITTING		

- NOTES:
- PROCESS LINE CONNECTIONS ARE SHOWN AS SCREW TYPE. FLANGED CONNECTIONS SHALL BE SHOWN IN ACCORDANCE WITH AB-036227.
 - INSTRUMENT BALLOONS SHALL BE 13 mm (1/2 ") DIAMETER.
 - NUMBERS SHOWN THUS 001100 REFER TO COMPUTER AIDED DRAFTING "CADD" CELL NUMBER.

SYMBOLS	
	PROCESS LINE
	CONNECTIONS TO PROCESS OR MECHANICAL LINK OR INSTRUMENT SUPPLY
	INSTRUMENT AIR HEADER
	INSTRUMENT SIGNAL LINE (PNEUMATIC)
	INSTRUMENT SIGNAL LINE (ELECTRICAL/ELECTRONIC)
	INSTRUMENT CAPILLARY TUBE
	ELECTROMAGNETIC OR SONIC SIGNAL (WITHOUT WIRING OR TUBING)

DWG. RESPONSIBILITY :									
INSTRUMENT STANDARDS COMMITTEE									
10	MAR02	MHJ		REVISED INSTR. 001038, 001030 001006,001039,001041 & 001049					
09	NOV96	RCR		CHGD. MANDATORY DRAWING NOTE TO DRAWING RESPONSIBILITY NOTE.					
08	07-10-90	RLO		REVISED AND REDRAWN.		ORIG. SIGNED	ORIG. SIGNED	ORIG. SIGNED	
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION		CHKD.	CERT.	APPD.	
SAUDI ARABIAN OIL COMPANY									
DRAWN BY _____ CHECKED BY _____ SCALE _____									
DATE STARTED _____ DATE COMPLETED _____									
OPR'G. DEPT. _____ ENG. DEPT. _____									
APP'D FOR CONSTR. _____									
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED					CERTIFIED BY _____ DATE _____				
INSTRUMENT SYMBOLS									
STD. DWG.					METRIC				
PLANT NO.		INDEX	DRAWING NUMBER			SHT. NO.		REV. NO.	
990		J	AC-036950			001		10	