



SYSTEM INTENDED  
FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

INSTRUMENT AIR SYSTEM  
AIR-M-16

- NOTES:
- \* DENOTES EQUIPMENT SUPPLIED BY VENDOR.
  - THE TWO FOUR WAY VALVES AO-4366 AND AO-4373 ARE INTERCONNECTED BY A COMMON MECHANICAL LINKAGE ACTIVATED BY THE SAME AIR OPERATED CYLINDER.
  - THE TWO VALVES AO-4366 AND 4387 ARE INTERCONNECTED BY A COMMON MECHANICAL LINKAGE ACTIVATED BY THE SAME AIR OPERATED CYLINDER.
  - VALVE LINE-UP AS SHOWN REPRESENTS ONE LOOP (SHOWN SOLID) IN AIR DRYING MODE AND THE OTHER LOOP IN REGENERATION MODE.
  - INSTRUMENT TUBING IS 1/2" O. D., 316SS, .065" WALL (ASTM A213) FROM THE JB CLASS BREAK TO THE MATHESON SUPPLIED EQUIPMENT. VALVES 31-HO-12A & B ARE NUPRO MODEL BL-ELDB-100X DIAPHRAGM VALVES.
  - MATHESON GAS PRODUCTS BRASS TWO STAGE REGULATOR WITH INTEGRAL PRESSURE GAUGES ON (INLET AND OUTLET) AND OUTLET SHUTOFF VALVE.
  - PCV-5002A & B, PCV-5003A, B, C, & D HAVE MECHANICAL STOPS TO LIMIT REDUCED PRESSURE TO APPROXIMATELY 250 PSIG.

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	8-22-05	REVISIONS				
1		LRA-M-220-SH-02-E30				
2		LRA-M-220-SH-02-E30.DGN				
3		M220SH2-CALS-E30.CAL				

  

DESIGNED	RECHIEL	DRAWN	R.W. BRIDGES	E
PILGRIM STATION NO. 600				
BOSTON EDISON COMPANY				
P & I D				
COMPRESSED AIR SYSTEM				
DRAWING NO. M220 SH 2 E30				
REV				
Q				
Non Q				

  

41100-1921 FSAR	FIGURE 10.11-1 SH 2 (REV 16)	N:\VACAD\MECH\PI&ID\M220SH2.DWG
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20-22