



- NOTES:
1. THE EVAPORATOR PACKAGE IS SUPPLIED BY WESTINGHOUSE, REF. SP. 1250 - 166-1.
 2. HEAT TRACING FOR THIS EQUIPMENT WILL BE PROVIDED AND INSTALLED BY BECHTEL PER PO 7220 - 5-40.
 3. THE DRAIN AND PLUMB CONNECTIONS ARE EACH MAINTAINED TO A 1' CONNECTION.
 4. DISTILLATE PUMP SHUTS DOWN ON LOW EVAPORATOR CONDENSATE WATER LEVEL.
 5. ALL INSTRUMENTATION IS ELECTRO-LOC.
 6. LIQUID WASTE EVAPORATOR PACKAGE EQUIPMENT NUMBER IS 704-278.
 7. ALL CONTROLS, INDICATORS AND ALARMS ARE ON DC 12V UNLESS OTHERWISE NOTED.
 8. VALVE OLV-210A IS A REVERSE ACTION POSITIONER.
 9. THE CRIPPER AND BYPASS SHOULD BE INSTALLED IN A VERTICAL LEG OF THE VENT PIPING. THE VENT PIPING SHOULD BE CONTINUOUSLY DISCONNECTED FROM THE VENT LINE AND WELD LINE SHOULD TO THE APICAL LINE. (SEE NOTE 10).
 10. REVERSE BYPASS SWITCH SHOULD BE INSTALLED TO PREVENT HIGH HIGH CONDUCTIVITY TO DUE TO PRESENCE OF AMMONIA IN DISTILLATE.

30X

PRC APERTURE CARD

System No.	7220
Sheet No.	M-427
Revision	8

NO. OF CHANGES	1	DATE	REVISION
1	AS SHOWN		
2	REVISED AS INDICATED		
3	REVISED AS INDICATED AND INCORPORATED CHANGES		
4	REVISED AS INDICATED AND INCORPORATED CHANGES		
5	REVISED AS INDICATED AND INCORPORATED CHANGES		
6	REVISED AS INDICATED AND INCORPORATED CHANGES		
7	REVISED AS INDICATED AND INCORPORATED CHANGES		
8	ISSUED FOR CONSTRUCTION		

BECHTEL AND ASSOCIATES		
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY		
PIPING AND INSTRUMENT DIAGRAM LIQUID WASTE EVAPORATOR		
DATE	DESIGNED BY	REV
7220	M-427	8

The accuracy and reliability of this diagram is based on the information furnished to the designer and is not guaranteed by the designer or the manufacturer.

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