



BOILER JUNCTION BOX

BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	12" 150# FLANGE	HORSEPOWER	600					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(3) SAFETY VALVE	3" NPT	GROSS OUTPUT	20085 MBH					
D.(1) SAFETY VALVE	2 1/2" NPT	STEAM (FROM & AT 212°F)	20700 Lb/Hr					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	128,647 BTU/CuFt					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	25106 MBH					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3016 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	198.67 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	195.16 CuFt					
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	64.03 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	109.68 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	117.54 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1 1/4" NPT	(FULL)	4,630 Gal @ 38,514 Lbs					
Q.()		(NWL)	3,810 Gal @ 31,690 Lbs					
R.()		SHIPPING WEIGHT:	41,600 Lbs					
S.()								

NOTES			
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.			
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.			
3. BOILER DESIGN CODE ASME SECTION IV.			
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.			
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.			

	CHECKED BY	DATE	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.
	DRAWN BY	DATE	
BOILER MODEL			
DRAWING No			
SCALE	7-5-3000-S15		
1/84	?		