


BOILER CONNECTIONS		RATINGS & CAPACITIES		LR	DATE	REVISION		BY	REPRESENTATIVE
A.(1) STEAM OUTLET	10" 300# FLANGE	HORSEPOWER	1300*						X
B.(7) LIMO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM						X
C.(2) SAFETY VALVE	3" 300# FLANGE	GROSS OUTPUT	43,918 MBH*						
D.(1) SAFETY VALVE		STEAM (FROM & AT 212F)	44,850 Lbs./Hr.*						
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	155,554 BTU/GHr.*						
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	54,367 MBH*						X
G.(1) MANWAY	12" x 18"	HEATING SURFACE (ASME)	4400 SqFt						X
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	326.03 SqFt						X
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	346.79 CuFt						
K.(2) FEEDWATER	3" NPT	TURNAROUND VOLUME	113.07 CuFt						
L.(1) AUXILIARY	2" NPT	STEAMING VOLUME	254.55 CuFt						
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	178.89 SqFt						
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:							
P.(1) SIGHT PORT	1" NPT	(FULL)	7,903 GAL						
Q.(1) CHEMICAL FEED	1" NPT	(NVL)	5,853 GAL						
R.()		SHIPPING WEIGHT:	77,000 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 I.
4. BOILER INSULATED WITH 2" - 5# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- * 6. HORSEPOWER & RELATED INFO BASED ON 3.3 SqFt FRING.



CHECKED BY
X
DESIGNED BY
T. THURSTON

DATE
7-19-16

BOILER MODEL
10-X-4400-S150-WB-G

SCALE
1/80

DRAWING No.
X

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