



BOILER CONNECTIONS		RATINGS & CAPACITIES		L/R DATE		REVISION		BY		REPRESENTATIVE:	
A.(1) STEAM OUTLET	10" 300# FLANGE	HORSEPOWER	1600*							X	
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM								
C.(2) SAFETY VALVE	4" 300#	GROSS OUTPUT	53,212 MBH*								
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	55,200 Lbs/Hr*								
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	146,251 BTU/CuFt*								
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	66,950 MBH*							X	
G.(1) MANWAY	12" x 18"	HEATING SURFACE (ASME)	5177 SqFt								
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	394.79 SqFt								
J.(1) CLEANOUT	24" PIPE	FURNACE VOLUME	457.78 CuFt								
K.(2) FEEDWATER	3" - 300# FLG	TURNAROUND VOLUME	121.93 CuFt								
L.(1) VENT/AUXILIARY	2" NPT	STEAMING VOLUME	313.48 CuFt								
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	204.46 SqFt								
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) SIGHT PORT	1 1/4" PIPE	(FULL)	8,526 GAL ● 70,914 Lbs								
Q.()		(NWL)	6,181 GAL ● 51,410 Lbs								
R.()		SHIPPING WEIGHT:	72,700 Lbs								
S.()											

NOTES		CHECKED BY		DATE	
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		M. MATALLAH		2-20-23	
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.					
3. BOILER DESIGN CODE ASME SECTION I.		BOLTER MODEL		10-X-5150-S150-M	
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.					
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		DRAWING No		X	
6. HORSEPOWER & RELATED INFO BASED ON 3.2 SqFt FIRING.					

		WICHITA	
SCALE		1/84	

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