



BOILER CONNECTIONS	RATINGS & CAPACITIES	LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET 4" 300# FLANGE	HORSEPOWER 100*					?
B.(4) LWCO 1" NPT	DESIGN PRESSURE 150 PSIG STEAM					
C.(2) SAFETY VALVE 1 1/2" NPT	GROSS OUTPUT 3348 MBH*					
D.() SAFETY VALVE	STEAM (FROM & AT 212°F) 3450 LB/HR*					
E.(1) BOILER BLOWDOWN 1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY) 183433 BTU/CuFt*					PROJECT: ?
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 4184 MBH*					
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME) 517 SqFt					
H.(4) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 47.29 SqFt					
J.(1) SIGHTPORT 17" ID	FURNACE VOLUME:					
K.(2) FEEDWATER 1 1/4" NPT	FURNACE ONLY 22.81 CuFt					
L.(1) AUXILIARY/VENT 1 1/2" NPT	STEAMING VOLUME 12.64 CuFt					
M.(1) LOW FIRE HOLD 1" NPT	STEAM RELEASE AREA 26.69 SqFt					
N.(2) STACK TEMP 1/2" NPT	WATER CAPACITY:					
P.(1) SIGHT PORT 1" NPT	(FULL) 781 Gal @ 6,494 Lbs					
Q.(1) CHEMICAL FEED 1 1/2" NPT	(NWL) 686 Gal @ 5,708 Lbs					
R.()	SHIPPING WEIGHT: 11,100 Lbs					
S.()						

NOTES		SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR 4. BOILER DESIGN CODE ASME SECTION I. 5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.				?	
		APACHE SG BOILER MODEL SG8-5-500-S150-PF-G		DRAWN BY	DATE
				?	
		SCALE	DRAWING No		
		1/42	?		

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