



ALL WEIGHTS FOR ENGINE AND TENDER IN WORKING ORDER
 CORRECT APPROVED
Scott ASST. M.E.

BOILER					DESIGN DATA		GENERAL DATA	
BOILER TUBES & BRACING	HEATING SURFACE	LENGTH	DIAM	GAUGE	DESIGN DATA		GENERAL DATA	
11 BOILER TUBES & BRACING	1699	154	2	12 MIN	CALCULATED EVAPORATION LBS / HR		BOILER PRESSURE	
12 BOILER TUBES & BRACING	607	154	3	10 MIN	TUBES @ 175 LBS		TRACTIVE EFFORT	
13 TOTAL TUBES & FLUES	2302				FLUES @ 150 LBS		FACTOR OF ADHESION	
14 FIREBOX PROPER	161				FIREBOX @ 55 LBS		MAX CURVATURE	
15 COMBUSTION CHAMBER					COMBUSTION CHAMBER		ENGINE TRUCK SWING	
16 CYRONS	20				CYRONS @ 200 LBS		TRAILING TRUCK SWING	
17 TOTAL FIREBOX	172				TOTAL EVAPORATION		COAL CAPACITY	
18 TOTAL EVAPORATING HEATING SURFACE	2852				CYR CONSUMPTION @ 200 LBS		WATER CAPACITY	
19 TOTAL SUPERHEATING HEATING SURFACE	2156				DRIVE FACTOR		VALVE GEAR	
20 RUBE SHEETS					FIREBOX & GRATE AREA		MAX CUTOFF WAL GEAR	
21 GRATE AREA					TOTAL HEATING SURFACE		MAX CUTOFF BAKER GEAR	
22 WEIGHT WATER & GAUGES					TOTAL WEIGHT		THROTTLE CHAMBERS DOMBYE	
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