

Steel donkey boilers to be made by Messrs. Richardson
& Sons for the S.S. "Drummond Castle" & S.S.
"Garth Castle".

Shell $\frac{215 \times .5 \times 76.6}{102} = 80 \text{ lbs.}$

Stays in steam space $\frac{2.40 \times 7500}{15.5 \times 12} = 96 \text{ lbs.}$

Screw stays $\frac{.99 \times 8000}{8 \times 7.5} = 132 \text{ lbs.}$

End plates $\frac{160 \times 11^2}{15.5^2} = 80 \text{ lbs.}$

Combustion Chambers $\frac{110 \times 72}{8 \frac{1}{2}} = 84 \text{ lbs.}$

Furnace top $\frac{89600 \times 15 \frac{1}{32}^2}{6.5 \times 34} = 89 \text{ lbs.}$

" bottom $\frac{89600 \times 7 \frac{1}{32}^2}{8.5 \times 34} = 87 \text{ lbs.}$

J. Stoddart

26.5.84

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