

2 Steel boilers to be made by Messrs. J. Richardson  
& Son for Furness, Withy & Co's h: 194 vessel  
Shells

$$\frac{260 \times 1.125 \times 85.5}{156} = 160 \text{ lbs.}$$

Stays (steam space)

$$\frac{5.41 \times 9000}{18 \times 16.875} = 160 \text{ lbs.}$$

Screw stays

$$\frac{1484 \times 8000}{8.62 \times 8.37} = 164 \text{ lbs.}$$

End plates (steam space)

$$\frac{185 \times 172}{18.25} = 160 \text{ lbs.}$$

Combustion chambers (backs)

$$\frac{135 \times 9.5^2}{8.625^2} = 163 \text{ lbs.}$$

Furnaces

$$\frac{1000 \times (9-2)}{45.7} = 153 \text{ lbs.}$$

$$\frac{1000 \times (9.5-2)}{45.7} = 164 \text{ lbs.}$$

E. Stoddart  
4.1.92

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