

George Clark's Boilers No 1017

$$\text{Rivets} - \frac{5 \times 1.35 \times 1.75 \times 85}{9 \times 1.234} = 90.4 \quad \left| \quad \text{Plate} - \frac{7.766}{9} = 85.3\right.$$

$$\text{Shell} - \frac{22 \times 17.75 \times 85.3 \times 29.5}{191.1 \times 28} = 183$$

$$\text{Furnaces} \quad \frac{1259 \times 7.25}{43} = 212$$

$$\text{CC} \quad \text{greatest area at Sides} - \frac{135 \times 156}{\frac{1}{2}(105 + 127) 114} = 184$$

$$\text{Screw stays} - \frac{9000 \times 2.36}{10.25 \times 11.25} = 186 \quad \left| \quad \text{Main stays} - \frac{10400 \times 8.95}{500} = 186\right.$$

$$\text{Top ends} - \frac{175 \times 25.5^2 \times 650}{\frac{1}{2}(24^2 + 25\frac{1}{2}^2) 614} = 185$$

$$\text{Back BR.} - \frac{155 \times 256}{\frac{1}{2}(17^2 + 10\frac{3}{4}^2) 204} = 193$$

$$\text{WW Spaces} - \frac{140 \times 240}{182} = 184$$

$$\text{Girders} \quad \frac{10660 \times 744 \times 1.75 \times 29.5}{22.25 \times 11.5 \times 31.25 \times 28} = 182$$

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