

Mult. Steel Steam Boilers K^o 384 by Clyde Iron Co. for
their K^o 272 Vessel.

180 lb. working pressure.

plate % $\frac{8.25 - 1.1875}{8.25} \times 100 = 85.6.$

End top $\frac{145 \times 20.5^2}{391} = 189 \text{ lb.}$

Rivet % $\frac{5 \times 1.11 \times 1.75 \times 88}{8.25 \times 1.125} = 88.5$

" Stays $\frac{4.5 \times 10000}{19 \times 20.5} = 193 \text{ lb.}$

Shell $\frac{28}{27} \cdot \frac{21 \times 85.6 (18-2)}{165} = 181 \text{ lb.}$ Front tube $\frac{140 \times (12 + 2)^{8.5}}{14.25^2} = 182 \text{ lb.}$

Turnace $\frac{1259 (8.5-2)}{44.25} = 185 \text{ lb.}$ Back $\frac{140 \times 12^2}{90} = 223 \text{ lb.}$

Corner Ch^o $\frac{135 \times 10.5^2}{81} = 184 \text{ lb.}$ Boiler Back $\frac{135 \times 14^2}{142} = 186 \text{ lb.}$

" Stays $\frac{1.76 \times 8000}{81} = 174 \text{ lb.}$ " Stays $\frac{2.45 \times 9000}{11.625 \times 9} = 237 \text{ lb.}$

Grades $\frac{9900 \times 11^2 \times 1.45}{(39-8.5) 9.5 \times 29} = 185 \text{ lb.}$

Corner Ch^o bottoms $\frac{50 (300 \times 7.5 - 45)}{42} = 213 \text{ lb.}$



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