

Mult. Steel Boilers (W's & D's) by C. & S. S. Eng. Co. for
 then No. 265-41.

180 lbs working pressure.

plate % $\frac{9.25 - 1.154}{9.25} \times 100 = 87.5$ End stop $\frac{145 \times 20.5^2}{392} = 180 \text{ lbs.}$

Rivet % $\frac{6 \times 1.05 \times 1.45 \times 65}{9.25 \times 1.154} = 92$ Stays $\frac{7.5 \times 10000}{20.5 \times 19.5} = 191 \text{ lbs.}$

Shell $\frac{28}{24} \cdot \frac{21 \times 87.8 (185-2)}{144} = 180 \text{ lbs}$ Front tube $\frac{140 (12 + \frac{9}{2})^2}{14.5^2} = 180 \text{ lbs.}$

Furnace $\frac{1259 (9-2)}{44.25} = 186 \text{ lbs.}$ Back $\frac{140 \times 12^2}{10.4^2} = 184 \text{ lbs.}$

Comb. Cas. $\frac{135 \times 10^2}{74.4} = 181 \text{ lbs.}$ Boiler Back $\frac{135 \times 13^2}{12.65} = 180 \text{ lbs.}$

" Stays $\frac{1.48 \times 8000}{74} = 160 \text{ lbs.}$ Stays $\frac{2.4 \times 9000}{11.5 \times 8} = 234 \text{ lbs.}$

" " Lion $\frac{135 \times 9^2}{60} = 182 \text{ lbs.}$

" Stays $\frac{1.48 \times 8000}{60} = 194 \text{ lbs.}$

Curves $\frac{9900 \times 1.5 \times 9.25^2}{(34.6 - 7.45) 7.5 \times 34.6} = 182 \text{ lbs.}$

Lloyd's Register
 Foundation
 W.R. & Co.
 July 1905.