

Multistone Auxiliary Boiler 2°419 by Clayton & Bury Coy for their
 No 298 Vessel. (Diesel Engines). 100 lbs working pressure

Plate No. $\frac{4.25 - .75}{4.25} \times 100 = 82.3$

Rivet No. $\frac{3 \times .44 \times .875 \times .85}{4.25 \times .5625} = 82.5$

Shell $\frac{22 \times 82.3 (9-2)}{120} = 105 \text{ lbs}$

Flange $\frac{1075200 \times .5}{72 \times 36.5} = 102 \text{ lbs}$

Combr. Chr. $\frac{120 \times 8}{44} = 100 \text{ lbs}$

" Stays $\frac{.96 \times 8000}{73} = 105 \text{ lbs}$

Ends $\frac{10860 \times 7.25 \times 1.5}{(31.875 - 7.5) 9.75 \times 31.875} = 111 \text{ lbs}$

Ends top $\frac{145 \times 14.5^2}{367} = 100 \text{ lbs}$

" Stays $\frac{3.43 \times 10400}{13 \times 23.75} = 116 \text{ lbs}$

Front tube $\frac{140 \times 14.5^2}{14.25} = 145 \text{ lbs}$

Back " $\frac{140 \times 10^2}{11.75} = 102 \text{ lbs}$

Boiler Back $\frac{135 \times 14.5^2}{274} = 102 \text{ lbs}$

" Stays $\frac{1.45 \times 8000}{11 \times 9} = 118 \text{ lbs}$

W297-0296

Wm. T. Bury



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