

DRAWING N^o MB/671

STEEL BOILER

9' - 6" DIA.

9' - 0" LONG. 100 LBS.

ORDER № /109

Stays shown thus	●	$\frac{3}{16}$ diam. Effec Area 2.1 $\frac{\text{in}^2}{\text{in}}$ 11 threads per inch
Do	⊙	$\frac{1}{8}$ " 1.79 do
Do	○	$\frac{1}{2}$ " 1.5 do

All Holes drilled in place after bending

Shell Plates ¹⁴/₁₆ thick. Pivot holes ²⁷/₃₂ x ³/₈ pitch. As made R.O.S.

Circumferential Seams Double riveted $\frac{7}{8}$ " diam $3\frac{1}{4}$ " pitch

All Stays to be of Mild Steel

All Screwed Stays fitted with nuts and washers at both ends
To pass Lloyds Survey for 100 lbs. working pressure.

Tensile Strength of Shell plates. 28 to 32 tons.

Do All other plates 26 to 30 tons

26 Stay Tubes marked \otimes $5\frac{1}{16}$ thick screwed 9 threads per inch
 $3\frac{1}{4}$ dia at Front End & 3 dia at back end.

82 Plain Tubes, 3" outside diam, Lap welded, 8 w.g. snelled
1/6" at Front End.

10-4-04

11.4.07

MB/109

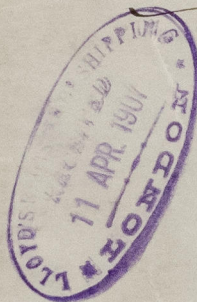
Donkey Boiler

No 109

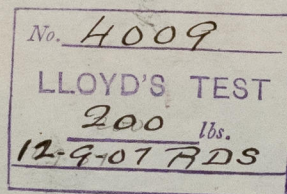
Blake Boiler Wagon
& Eng Co Ltd

Messrs Furness Withy
& Co

P.S. No 305



Mdb report No. 5214



S/S "Calcutta."

Mpl. Report No. 13369

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