

23.1.07

BOILER N^o 574.

WORKING PRESSURE 180 LBS PER SQ. INCH.
 TESTED TO 360 LBS BY HYDRAULIC PRESSURE.
 TO LLOYD'S SURVEY.
 SCALE 1" = ONE FOOT.

LONGITUDINAL SEAMS, 1 1/2" RIVETS, 1 1/2" HOLES, 4" PITCH.
 CIRCUMFERENTIAL SEAMS, 1 1/2" RIVETS, 1 1/2" HOLES, 4" PITCH.
 SHELL PLATES 1/2" THICK. BUTT STRAPS 1" THICK.
 STRENGTH OF JOINT
 PLATE 85%
 RIVET 90%.

SHELL & BUTT STRAPS 28 TO 32 TONS T.S.
 ALL OTHER PLATES 26 TO 30 TONS T.S.
 MAIN STAY BARS 24 TO 32 TONS T.S.
 PLATES, STAYS & RIVETS OF STEEL.
 TUBES OF IRON, LAP WELDED.

HEATING SURFACE 1516 SQ. FT.
 GRATE SURFACE 50 SQ. FT.
 4' 6" FURNACE.

MANHOLE IN SHELL 16" x 12".
 DOUBLING PLATE 1/2" x 1 1/2".

2 1/2" STEEL STAYS, 6 THREADS PER INCH.
 5-56 EFF. AREA.

DOUBLE RIVETED, 1 1/2" HOLES, 3 1/2" PITCH, 5 LAP.

1 1/2" STEEL STAYS, 6 THREADS PER INCH.
 EACH TUBE PLATE FITTED
 WITH NOT INSIDE CHAMBERS.

65 STAY TUBES 3/4" DIA., 7/16" THICK, MARKED S.
 123 PLAIN TUBES 3/4" DIA., 1/8" THICK.
 186 TOTAL 1 1/2".

6" G2 BETWEEN PLATES

DOUBLE BUTT STRAPS 6 1/2" x 1 1/2" HOLES, 2 1/2" PITCH.

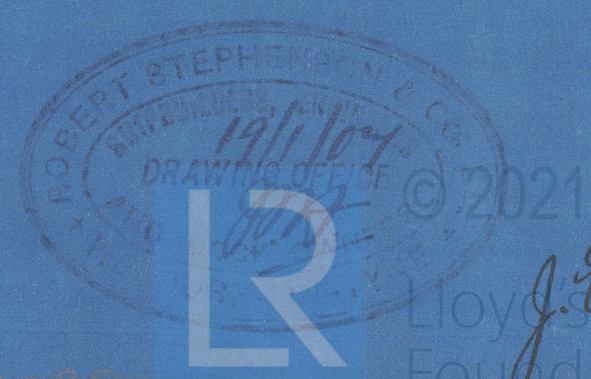
1 1/2" RIVETS 5/8" DIA., 4" PITCH.

DOUBLE RIVETED, 1 1/2" HOLES, 3 1/2" PITCH, 5 LAP.

1 1/2" STEEL STAYS, 6 THREADS PER INCH.
 WITH NOT AT EACH END.

2 1/2" STEEL STAY, 6 THRS.
 SCREENED THRO' BOTH PLATES.

23.1.07
 22/1/07



Newcastle on Tyne
Messrs R. Stephenson & Co

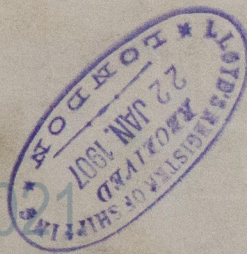
Boiler No 544.

Ss Ophesia
Newcastle-on-Tyne.
No. 53,033

N ^o 7484
LLOYDS TEST
360 LBS
J. H. H.
15-5-07

Hull Report No. 19076

RETAIN



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Lloyd's Register
Foundation