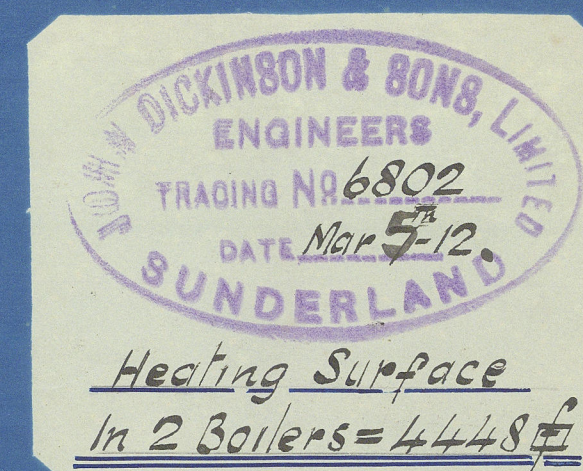


To Lloyd's Requirements for a Working Pressure of 180 lbs. per sq. inch  
All Plates, Rivets, Stays & Girders of Steel      Tubes of Wrought Iron.  
 Scale 1 inch = 1 Foot      T.N.B.



Heating Surface  
In 2 Boilers = 4448 ft<sup>2</sup>

STAYS

$\theta$	$N^{\circ}$ of TAPPIERS per inch	EFF. $\theta$	EFF. AREA	$N^{\circ}$ in 1 in
$1\frac{1}{2}^{\circ}$	9	1.607	2.031	230
$1\frac{1}{8}^{\circ}$	9	1.732	2.35	52
$2^{\circ}$	9	1.85	2.69	4
$2\frac{1}{2}^{\circ}$	6	2.286	4.13	4
$3\frac{1}{2}^{\circ}$	6	3.10	7.85	10

STAY TUBES  $\frac{5}{16}$ " THICK. SCREWED 10 THREADS PER INCH. EFF. AREA 2.255  $\text{in}^2$

ENC. N<sup>o</sup> -

7502 OF F

FURNISH DATE

INTENDED FOR MESSRS WOOD, SKINNER & CO<sup>LTD</sup> S.S. NO 179. DEIGHTON. Jan. 31<sup>ST</sup> 1912

## RIVETING

FRONT & BACK SEAMS DOUBLE RIVETED  $1\frac{3}{16}$ " RIVET HOLES  $3\frac{1}{2}$ " PITCH  $5\frac{3}{8}$ " LAP

COM. CR<sup>B</sup> BOTR. LONG " " "  $\frac{15}{16}$  " "  $2\frac{5}{8}$  "  $4$  "

COM. CH-<sup>RS</sup> & FURNACE " SINGLE "  $\frac{15}{16}$  " "  $2\frac{1}{2}$  "  $2\frac{1}{2}$  "

STRAPS  $1\frac{3}{16}$ " THICK      RIVET HOLES  $1\frac{3}{8}$ " DIA.      SCALE  $1\frac{1}{2}" = 1$  FOOT.

### TENSILE STRENGTH OF SHELL PLATES, BUTT STRAPS

Steel Screwed Stays  
NUTTED



J. DICKINSON & S.

C. No 750

MAIN BOILERS. 2 OFF.

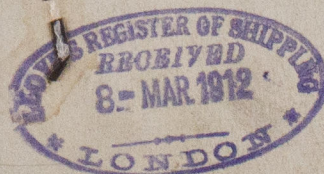
No 3053  
LLOYD'S TEST.  
360 LBS.  
of 10-12. W.B.

Fulgens

SUNDERLAND. Rpt. 25461

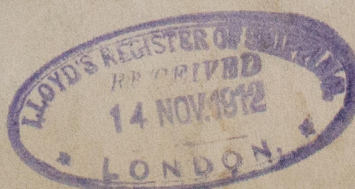
WOOD & KINNER & CO. LD

No 179  $\frac{5}{16}$



NEWCASTLE ON TYNE

Report No. 63756



RETAIN



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