

TENSILE STRENGTH OF SHELL PLATES BUTTS AND MANHOLE RING $28\frac{3}{4}$ - 32 TONS

" " " OTHER " 26 - 30 TONS

" " " LONGITUDINAL STEEL STAYS 27 - 32 TONS.

ALL PLATES OF STEEL
" RIVETS " "
" TUBES " IRON

ALL HOLES TO BE DRILLED IN PLACE.

9" 16" x 12" MANHOLE 9"

POSITION OF MANHOLE
FIXED LATER BY SKETCH

TO BE CAULKED AND GRUMMITED
CEMENT JOINT BETWEEN WASHER AND PLATE

STEAM SPACE STAYS 3" DIA (STEEL) SWELLED 3/8" AT ONE END & SCREWED INTO FRONT & BACK END PLATES
WITH CONTINUOUS THREAD 6 PER INCH NETT AREA = 6.1"

IRON STAYS $1\frac{3}{4}$ " DIA. 9 THREADS
NETT AREA = 2.03 "

$$\text{LENGTH OF TUBE} = 8' - 2\frac{1}{8}"$$

210 PLAIN TUBES $2\frac{1}{2}$ " OUT DIA 8 W.C. THICK. SWELLED $\frac{1}{16}$ " AT FRONT END

134 STAY " 2 $\frac{1}{2}$ " " $\frac{5}{16}$ " " $\frac{1}{4}$ " " "

SCREWED WITH CONTINUOUS THREAD 11 PER INCH. NETT AREA = 1.7 in²

7'-11" BETWEEN TUBE PLATES

POSITION OF JOINTS

FIXED LATER

SWAN, HUNTER, & WIGHAM RICHARDSON LTD
ENGINE WORKS DEPARTMENT.
NEPTUNE WORKS.
WALKER.
NEWCASTLE - ON - TYNE.
No 3274 DATE 28-1-05

SHELL RIVETING

DIA OF RIVET HOLES = $1\frac{1}{2}"$
PITCH " " " = $10" \times 5"$ } LONG^T JOINT

DIA OF RIVET HOLES = $1\frac{1}{8}"$
PITCH " " " = $5"$ } CIRC^L JOINT

(14.76) ATM.

WORKING PRESSURE 210 LBS PER SQ INCH

TEST " 420 " " " "

TO HAMBURG BOARD OF POLICE AND LLOYDS
REGULATIONS.

ORDINARY STAYS IN BACK ARE $\frac{3}{4}$ " DIA. (IRON)

SCREWED 9 THREADS PER INCH (NETT AREA = 2.03"

STAYS SHOWN THUS:- ○ ARE 2" DIA (IRON)

SCREWED 9 THREADS NETT AREA = 2.71 in²

3 THUS

MAIN BOILERS N° 734

SCALE 1" = ONE FOOT.

SEE ALSO TRACING
WITH DIMENSIONS
IN M/M

W 1227-0112 ²/₂

© 2019

Date

27-1-05

For enclosure to

Miss the

Surveyor to Lloyd's Register
Foundation

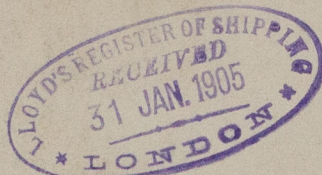
Please return to **SWAN, HUNTER, & WIGHAM RICHARDSON, LTD.,**
Neptune Works, WALKER.

Messrs.
Swan, Hunter, & Wigham
Richardson Ltd

Boilers No. 734.

W. Press. 210 lbs.

S-S. "Oberhausen".



No. 49709

No. 49709

No 7072
Lloyd's Lt
4204
S. H-H
29-8-05

S.S. 'Oberhausen'

Newcastle Report

No 49709



© 2019

Lloyd's Register
Foundation

W1227-01/2