

FOR MESSRS IRVINE'S SHIPBUILDING & DRY DOCK CO LTD SS N° 542 543

TOTAL GRATE AREA 29 SQ FEET = 2.7 SQ METRES
LENGTH OF FIREBARS 5'-0" = 1524 mm

TO BE CONSTRUCTED TO PASS LLOYDS SURVEY

1 OFF TO EACH N°

SCALE 1 IN = 1 FOOT = $\frac{1}{12}$





JAN 23/14

WORKING PRESSURE ^{7.03 ATMS} 100 LBS PER-SQ INCH

TO PASS GERMAN LAW (HAMBURG BOARD OF POLICE) SURVEY
UP TO BUT NOT INCLUDING THE HYDRAULIC TEST

RATES	STEEL
RIVETS	"
STAYS	"
TUBES	IRON

<u>LIMITS OF TENSILE STRENGTH</u>		
<u>SHELL PLATE</u>	<u>COMPENSATION PLATE</u>	<u>29-32 3 TONS</u>
		45.675 - 51.25
	<u>GIRDER PLATES</u>	<u>28-32</u>
		44.1 - 50.4
	<u>ALL OTHER PLATES</u>	<u>26-30</u>
		40.9 - 47.25
	<u>MAIN STAYS</u>	<u>26-29.8</u>
		40.9 - 47
	<u>SCREW STAYS</u>	<u>26-29.8</u>
		40.9 - 47
	<u>RIVET BARS</u>	<u>26-29.8</u>
		40.9 - 47

	STEEL STAYS	1 5/8" DIA 1.121%	8 THREADS	EFF AREA 1.68	□"
	" "	1 1/2" - 38.07%	9 "	" "	1.45
	" "	1 3/8" - 34.9%	9 "	" "	1.19
	" "	1 1/4" - 31.4%	9 "	" "	1.00

ALL C-CHAMBER STAYS SCREWED INTO BOTH PLATES AND
TIGHTENED WITH A SINGLE NUT AT EACH END

W1247-0361

Messrs Thos Audron & Co Ltd

Boiler No 3467

3468

for

Messrs Irvin & Sons Ltd

S.S. No 542

543

Working Press 100 lbs



El. Hamilton Range Spl 14972

3467

No. 5328
LLOYD'S TEST
200 lbs.
25-6-14-W.M

S.S. No 542

mdl. Rpt. No.

8505

3468

No. 5365
LLOYD'S TEST
200 lbs.
14-8-14-W.M

S.S. No 543

mdl. Rpt No

8595

S.S. "Cheviot Range"

W. School report No. 15012

W1247-0301



© 2020

Lloyd's Register
Foundation