

C. TYPE. (NATURAL DRAUGHT)

THE NORTH EASTERN MARINE ENGINEERING CO LTD

SUNDERLAND.

BOILER.

N ^o	DESCRIPTION	MINIMUM TENSILE STRENGTH
2	SHELL PLATES	28 1/2 TONS
1	" FRONT TOP	26 "
1	" " BOTTOM	26 "
1	" BACK TOP	26 "
1	" " BOTTOM	26 "
1	" T. P. CENTRE	26 "
2	" " WINGS	26 "
1	C C WRAPPER CENTRE	26 "
2	" " WINGS	26 "
1	" BACK CENTRE	26 "
2	" " WINGS	26 "
16	GIRDERS	28 "
2	SHELL BUTT STRAPS (INS.)	28 3/8 "
2	" " " (OUT.)	28 3/8 "
3	MANHOLE COVERS	26 "
3	FURNACES	26 "
	STEAM SPACE STAYS	28 "
	SERVED WELDS	26 "
	RIVETS	42 "

APPROVED BY BUREAU VERITAS 17:5:18.

11 11 BRITISH CORPORATION 19:5:18.

" " LLOYD'S 23:5:18.

% STRENGTH OF PLATE = 86.0

$$\frac{\text{SHELL (LLOYD'S)} \ 22.58 \ (18-2) \times 86.}{165.75} = 187.1 \text{ LBS.}$$

HEATING SURFACE ON TUBES BETWEEN T. PLATES = 1545 sq

ELSEWHERE INCLUDING T. PLATES = 430

TOTAL = 1975 ₡

STEAM SPACE = CUB. FT:

WORKING PRESSURE = 180 LBS □

TEST 360

NOTE 1 ALL PLATES, STAYS, ETC., TO BE OF STEEL. SMOKE TUBES OF IRON

TENSILE STRENGTH OF SHELL PLATING TO BE FROM 28³/₄ TO 33 TONS □"

ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT.

STAYS MARKED THUS $\bigcirc 1\frac{7}{8}$ " DIA: 9 THREADS.

ALL SCREWED STAYS SCREWED INTO PLATE.

CONTRACT	SURVEY	CONTRACT	SURVEY
2363	LLOYD'S		
2366	LLOYD'S		

DRAWING N° 6477.

N.E.M. 2363

C TYPE (Natural Draught)

Main Boilers
for

R. Thompsons 309

^s/_s "Katadi"

Starboard

No. 3536
LLOYD'S TEST
360 lbs.
21-2-1919 L.C.D.

port

No. 3539
LLOYD'S TEST
360 lbs.
25-2-1919 L.C.D.

No. 3540
LLOYD'S TEST
360 lbs.
28-2-19 L.C.D.

SUNDERLAND RPT. No. 27560

W1307-0204

Lloyds



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Lloyd's Register
Foundation

C. TV