

TRACING N° 606.

MAIN BOILERS.

N ^o	Description.	Minimum tensile arrangement
2	Shell plates.	2 Ws.
1	Front top.	2 6 "
1	" bottom.	2 6 "
1	Back top.	2 6 "
1	" bottom.	2 6 "
1	Back T.P. centre.	2 6 "
2	" " wings.	2 6 "
1	G.C. wrapper centre.	2 6 "
2	" " wings.	2 6 "
1	" " back centre.	2 6 "
2	" " wings.	2 6 "
16	Girders.	2 8 "
2	Shell butt straps inside.	2 8 $\frac{3}{4}$ "
2	" " outside.	2 8 $\frac{3}{4}$ "
3	Manhole covers.	2 6 "
3	Furnaces.	2 6 "
	Steam space stays.	2 8 $\frac{3}{4}$ "
	Screwed stays.	2 6 "
	Rivets.	2 7 "

% Strength of plate = 86.0.

% " rivets = 86.1.

Approved by British Corporation 27-3-17.

Dia.	Nuts per boiler.		Total nuts in three boilers.	
	Thick.	Thin.	Thick.	Thin.
3½"	16	16	48	48
2¾"	4	4	12	12
2¾"	—	108	—	324
2"	2	6	6	18
1⅞"	—	102	—	306
1¾"	24	180	72	540

Manhole 16" x 12" at back.

ENGINE DATE.

830	March 25 th 18.
838	March 25 th 18.
839	March 25 th 18.
840	March 25 th 18.

Working pressure 180 lbs. per sq. in.

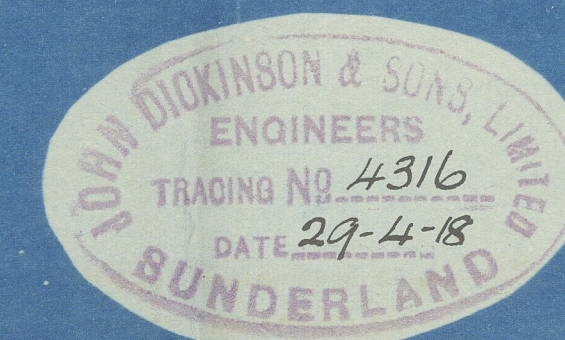
Test " 360 " " "

Heating Surface in 3 Boilers 6304 ϕ

Note:- 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 per sq. All holes drilled in place after plates are bent.

Stays marked thus \odot $1\frac{3}{8}$ dia, 9 threads.
 " " " \otimes $2\frac{1}{8}$ " 9 "

All screwed stays screwed into plate.



SUNDERLAND

J. DICKINSON & SONS L^d

(3) BOILERS N^o 838

STANDARD 'C' TYPE

W.P. = 180 LBS D"

~~J. BLUMER & CO. S^o N^o 249~~

J.L. THOMPSON & SONS' S^o N^o 536

No. 3516
LLOYD'S TEST
360 lbs.
412-1918 L.C.D.

"War Reef"

SUNDERLAND RPT. NO. 27403

8-10-1918

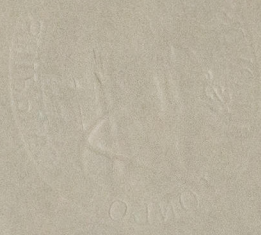
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