

Binder prepared
for SS. Gothic

File with Bel ref.
No. 4505

W498-0065
S900-86hm

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Lloyd's Register
Foundation

(R.F.A.) "PETROLEUM"

OF NEW BOILERS.

BOILERS TO BE MADE AT CHATHAM

BOILER TO BE MADE AT PORTSMOUTH.

WORKS VICE 40 Post 1740/15, 13/7/29 (T.2217)

SHALL BE ONE FOOT 3 IN MARKED

PARTICULARS	
WORKING PRESSURE	180 LBS \square
TEST	320 LBS \square
HEATING SURFACE OF TUBES	1767 \square
OF PLATES	262 \square
TOTAL HEATING SURFACE	2143 \square
GRATE AREA	60 \square
RATIO H.S. TO G. A.	35:1
AREA THREE TUBES	11.4 \square

DRAWING OF PAIR FOR BOILER MOUNTINGS

TO BE PREPARED AT CHATHAM YARD

STUDS IN PA. 5 ARE NOT TO PENETRATE SHELL PLATING

THICKNESS OF SHELL PLATING 50-32 TONS PER \square

FURNACE 20-30

CLATE EFF. 61.8%
CLATE EFF. 82.3%
CLATE EFF. 18.1%
CLATE EFF. 18.1%

LONGITUDINAL JOINT 14 RIVETS 1 1/2 INCHES 8 1/2 INCH PITCH.

PLATE EFF. 85.5% RIVET EFF. 93.4%

OUTER BUTT 1 THICK

INNER BUTT 1 1/2 THICK

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THREE 4" $\frac{11}{16}$ " STIFFENERS
WELED CONTINUOUSLY
TO EACH
WING COMB. CHAMBER

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10th.
29.9.38