

REPORT ON BOILERS.

No. 35197
WED. JUN. -9.1915

Received at London Office

5a.

Writing Report 5th June 1915 When handed in at Local Office 191 Port of Glasgow
Date, First Survey 9/2/15 Last Survey 1/6/1915
Survey held at Glasgow (Number of Visits 17) Gross Tons Net Tons
Book. H.M.S. "VERONICA"
on the Built at Port Glasgow By whom built Dunlop Breunier & Co. When built 1915.
By whom made Lindsay Burnet & Co. When made 1915.
By whom made Glasgow Port belonging to
Horse Power Owners

WATER TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Steel Co of Scotland.

For record S. Total Heating Surface of Boilers 6314 Sq feet Is forced draft fitted Yes No. and Description of
Two Single Ended Working Pressure 180 lbs Tested by hydraulic pressure to 360 lbs Dates of test 28-5-15 1-6-15

Can each boiler be worked separately Area of fire grate in each boiler 86 Sq ft No. and Description of
Area of each valve Pressure to which they are adjusted

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Inside Mean dia. of boilers 15'-6" Length 11'-6"

Are the shell plates welded or flanged No.

Shell plates Steel Thickness 1/4 Range of tensile strength 28/32 Diameter of rivet holes in long. seams 1/4 Pitch of rivets 8.55 ins

Meeting: cir. seams D.R. Lap. long. seams Trip Riv. Butts Diameter of rivet holes in long. seams 1/4 Pitch of rivets 8.55 ins

Working pressure of shell by rivets 85.4 plate 85.3

No. and Description of Furnaces in each

Material Steel Outside diameter 4'-4 1/4 Length of plain part top 1/8 bottom 1/8 Thickness of plates crown 5/8 bottom 5/8

No. of strengthening rings None Working pressure of furnace by the rules 192 lbs Combustion chamber

Material Steel Thickness: Sides 3/32 Back 21/32 Top 21/32 Bottom 7/8 Pitch of stays to ditto: Sides 8" 9 1/4 Back 8 1/2 x 9"

Working pressure by rules 194 lbs Material of stays Steel Area at smallest part 5.27 sq ins

Material of stays Steel Thickness 3/32 Material of

Material of Front plates at bottom Steel Thickness 3/32 Material of

Material of tube plates Steel Thickness: Front 25/32 Back 10/16 Mean pitch of stays 8 1/4 Pitch across wide

Working pressures by rules 235 lbs Girders to Chamber tops: Material Steel Depth and thickness of

Number and pitch of Stays in each flue 3 at 8"

Can the superheater be shut off and the boiler worked

Description of longitudinal joint Diam. of rivet

Material of flue plates Thickness

End plates: Thickness How stayed

Are they fitted with easing gear

The foregoing is a correct description, Lindsay Burnet & Co. Manufacturer.

Is the approved plan of boiler forwarded herewith Yes.

Total No. of visits 17

During progress of 1915 Feb 9, Mar 10, 12, 16, 23, 29, Apr 7, 12, 16, 22, 28.

work in shops - May 5, 12, 20, 28, 28, Jun 1

During erection on board vessel -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under

special survey in accordance with the approved plan. The workmanship and materials

of good quality. See charges on machinery.

Survey Fee ... £ : : When applied for. 191

Travelling Expenses (if any) £ : : When received, 191

8 - JUN. 1915

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

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