

REPORT ON BOILERS.

DUNDEE No. 7567.
No. 13,092

Received at London Office MON 12 SEP 1910

Date of writing Report 9th Sept 1910 When handed in at Local Office 9th Sept 1910 Port of Leith & Dundee
No. in Survey held at Twickenham & Dundee Date, First Survey 13th July Last Survey 5th Sept 1910
Reg. Book. on the Donkey Boiler No 293 S.S. LONDON QUEEN. (Number of Visits 3) Gross Tons } Net
Master Built at By whom built When built
Boiler made at Twickenham By whom made G. Black & Son When made 1910
Owners Port belonging to LONDON.

VERTICAL DONKEY BOILER— No. 293 Description Vertical Manufacturers of steel Stewart & Lloyd
Made at Twickenham By whom made G. Black & Son When made 5/9/10 Where fixed Strokehold Working pressure 100 lbs
tested by hydraulic pressure to 200 Date of test 5/9/10 No. of Certificate 672 Fire grate area 19.2' Description of safety valves Spring loaded
No. of safety valves 2. Area of each 3.98" Pressure to which they are adjusted 100 lb If fitted with easing gear YEs. If steam from main boilers can
enter the donkey boiler No. Dia. of donkey boiler 6'-0" Length 10'-3" Material of shell plates S Thickness 7/16 Range of tensile
strength 27-32 Descrip. of riveting long. seams Lap with Dia. of rivet holes 1 1/16 Whether punched or drilled No Pitch of rivets 3 1/8
Lap of plating 5 1/2 Per centage of strength of joint Rivets 82 Working pressure of shell by rules 108 Thickness of shell crown plates 19/32
Radius of do. 6'-6" No. of Stays to do. 5 Dia. of stays 1 3/4" Diameter of furnace Top 4'-8" Bottom 5'-5" Length of furnace 5'-3"
Thickness of furnace plates 5/8 Description of joint Lap single Working pressure of furnace by rules 100 Thickness of furnace crown
plates 3/4 Radius of do. 6'-6" Stayed by no shell crown Diameter of uptake 16 3/4 Thickness of uptake plates 1/2
Thickness of water tubes 3/8

The foregoing is a correct description,

G. Black & Son Manufacturer.

Dates { During progress of work in shops - - 1910 July 13. August 14. September 5.
of Survey { During erection on board vessel - - Oct 26. Nov. 2. Dec. 14-15
while building { Total No. of visits 3 & 4.
Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This donkey boiler has been built under special survey. The materials and workmanship are sound and good.

The boiler is intended for vessel No 82 being built by Messrs Van Vliet & Co. Harbinveld.

This boiler has now been securely fixed on board and the safety valves have been adjusted under steam. Adjusting washers 3/8" thick.

M. Salma
Dundee.

Survey Fee ... £ 2 : 2 : When applied for, 10/9/1910
Travelling Expenses (if any) £ 2 : 8 : When received, 28-9-1910

Committee's Minute FRI 23 DEC 1910

Assigned

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

009702-009710-0080

Lloyd's Register
Foundation