

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 Tweedmouth & 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 Tons }
 Master _____ Built at _____ By whom built _____ When built _____
 Boiler made at Tweedmouth 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 Tweedmouth By whom made G. Black & Son When made 5/9/10 Where fixed Stokehold 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 lbs 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 3/16 Range of tensile
 strength 27-32 Descrip. of riveting long. seams Lap with Dia. of rivet holes 1 3/16 Whether punched or drilled all Pitch of rivets 3 1/2
 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 Plates 76 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 simple Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 3/4 Radius of do. 6'-6" Stayed by on 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 of Survey while building { During progress of work in shops - - - } 1910 July 13. August 14. September 5.
 { During erection on board vessel - - - } Oct 26. Nov. 2. Dec. 14-15
 { 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. Harbinvelde.

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

G. Black & Son
Dundee.

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

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

Committee's Minute FRI 23 DEC 1910

Assigned

