

REPORT ON BOILERS.

48294
No. 47988

15 MAY 1928

5 SEP 1928

Date of writing Report 12th May 1928 When handed in at Local Office 12th May 1928 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 23.3.28 Last Survey 11th May 1928
 Reg. Book. on the BOILER No 10871 S. S. Lady Cornbe (Number of Visits 7) Tons Gross
 Master Annan Built at Renfrew By whom built Lobnitz & Co Ltd When built 1928
 Boilers made at Annan By whom made Messrs Cochran & Co Annan Ltd When made 1928
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. ONE Description VERTICAL Manufacturers of steel Stewart & Lloyd, Ltd.
 Made at Annan By whom made Cochran & Co Annan Ltd When made 1928 Where fixed Working pressure 100 lbs
 tested by hydraulic pressure to 200 lbs Date of test 11-5-28 No. of Certificate 17893 Fire grate area 14 sq ft Description of safety valves 2
 No. of safety valves 2 Area of each 3.5 sq ft Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler
 Diameter of donkey boiler 5'-3" Length 11'-9" Material of shell plates Steel Thickness 1 1/2", 1 1/2", 1 1/2"
 Range of tensile strength 28/32 tons Description of riveting long. seams DR Lap Diameter of rivet holes 25/32" Whether punched or drilled Drilled Pitch of rivets 2.675", 2.625", 2.5625" Lap of plating 3 3/8" Per centage of strength of joint 72.45 Working pressure of shell by rules 117.2 lbs Thickness of shell crown plates 3/8", 1/2" Radius of do. 2'-7 1/2" No. of stays to do. ✓ Diameter of stays ✓ Diameter of furnace—Top Hemispherical Bottom 4'-6" Length of furnace 3'-2 3/8" Thickness of furnace side plates 1/2" Description of joint Seamless Working pressure of furnace by rules 153 lbs Thickness of Ogee ring 1/2" Working pressure of Ogee ring by rules 103.9 lbs Thickness of furnace crown plates 1/2" Radius of do. 2'-3" Stayed by Hemispherical Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2" Thickness of tube plates 1/8" Mean pitch of stay tubes in nest 10.5" Pitch in outer vertical rows 8"
 Diameter of tube holes FRONT stay 2 1/8" BACK stay 2 1/2" Working pressure of tube plates by rules 66 110.2 lbs Tubes: Material 60T. 2nd
 External diameter stay 2 1/2" Thickness stay 1/8" No. of threads per inch 9 Pitch of tubes 3 1/8" x 4"
 Working pressure by rules 125 lbs Manhole compensation: Size of opening in shell plate 16 x 12" Section of compensating ring 12 x 5 1/8" No. of rivets and diameter of rivet holes 36 0 25/32" Outer row pitch at ends 3 3/4"

The foregoing is a correct description.

Walter Deakin Manufacturer.

Drawing No. 12709

Dates of Survey while building
 During progress of work in shops— 1928 Mar 23-30 Apr 3-13-20-27 May 11
 During erection on board vessel—
 Total No. of visits 7

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS

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

This boiler has been built under survey in accordance with the Rules and Approved plan.

The workmanship and materials are good
 This boiler is to the order Messrs Lobnitz & Co Ltd, and intended for their ship No. 940.

Survey Fee ... £ 4-4-0
 Travelling Expenses (if any) £

When applied for 19
 When received 19

MONTHLY ACCOUNT

G. E. Murdoch

Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 29 JAN 1929

Committee's Minute GLASGOW 15 MAY 1928

Assigned

TRANSMIT TO LONDON

W1105-0202

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