

REPORT ON BOILERS.

Sld. No. 32381

Sld. No. 59354

FEB -2 1938

Date of writing Report 19 38 When handed in at Local Office 1 2 38 Port of Glasgow
 No. in Reg. Book. Survey held at on the BOILER No. 13906 M/V "CLIFTON HALL"
 Master Built at Sunderland By whom built Wm. Dwyer & Sons (N. 642) When built 1938
 Boilers made at Annan By whom made Lochry & Co. Annan Ltd. When made 1938
 Owners West Hartlepool Ste. Har. Co. Ltd. Port belonging to W. Hartlepool

VERTICAL DONKEY BOILER— No. one Description vertical Manufacturers of steel Upper boiler Working pressure 120
 Made at By whom made When made Where fixed necess. Enclined spring
 tested by hydraulic pressure to 230 Date of test 25-1-38 No. of Certificate 20091 Fire grate area Description of safety valves
 No. of safety valves 2 Area of each 7.06 Pressure to which they are adjusted 120 If fitted with easing gear yes If steam from main boilers can
 enter the donkey boiler Diameter of donkey boiler 8-0 Length 17-9 Material of shell plates S Thickness 21/32 - 13/16
 Range of tensile strength 28-32 Description of riveting long. seams Lap DR Diameter of rivet holes 1 1/2 Whether punched or
 drilled Pitch of rivets 3-125-3-134-3-135 Lap of plating 5 Per centage of strength of joint Rivets 66.2 Plates 66.8 Working pressure of shell by
 rules 127.5 Thickness of shell crown plates 1 1/2 Radius of do. 4-0 No. of stays to do. Diameter of stays Diameter of
 furnace—Top Bottom 7-0 Length of furnace Thickness of furnace side plates 23/32 Description of joint Seams Working
 pressure of furnace by rules 144 Thickness of Ogee ring 1 1/2 Working pressure of Ogee ring by rules 124 Thickness of furnace
 crown plates 23/32 Radius of do. 3-6 Stayed by Hemisphere Diameter of uptake 21 1/2 x 25 Thickness of uptake
 plates 9/16 Thickness of tube plates front 1 1/2 back 1 1/2 Mean pitch of stay tubes in nest 9.48 Pitch in outer vertical rows 6.37
 Diameter of tube holes FRONT stay 2 3/6 BACK stay 2 1/2 Working pressure of tube plates by rules 122 Tubes: Material steel
 External diameter stay 2 1/2 Thickness stay 10/16 No. of threads per inch 9 Pitch of tubes 3-187 x 3-13
 Working pressure by rules 215 Manhole compensation: Size of opening in shell plate 16 x 12 Section of compensating
 ring 2 1/4 x 3/4 No. of rivets and diameter of rivet holes 36 @ 1 1/2 Outer row pitch at ends 3-89
 The foregoing is a correct description, W. J. Doner Manufacturer.

Dates of Survey while building During progress of work in shops 1937 Nov: 19.30 Dec: 10.16.21.30 (1938) Jan: 6.13.18.20 Drawing No. 233887
 During erection on board vessel 25
 Total No. of visits 11
 Is the approved plan of boiler forwarded herewith

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

The materials and workmanship are good.
 The boiler has been constructed under Special Survey.

8/2/38. This boiler has been securely fixed on board the vessel, examined under steam, safety valves adjusted in accordance with Rule Requirements.
 On recommendation please see Mch. Rpt.
 W. J. Doner.

Survey Fee ... £ 4 : 4 : } When applied for 19.
 Travelling Expenses (if any) £ : : } When received 19.

Committee's Minute GLASGOW 1 - FEB 1938
 Assigned TRANSMIT TO LONDON

MONTHLY ACCOUNT

TUE 24 MAR 1938

Sld. No. 32381

Lloyd's Register Foundation

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