

REPORT ON BOILERS.

No. 42981

WED. SEP. 5 1923

Received at London Office
 Date of writing Report 31st Aug. 1923 When handed in at Local Office 1st Sept. 1923 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 29. 6. 23 Last Survey 31. 8. 1923
 Reg. Book. on the Cochran Boiler N^o 9222. "KATHIAWAR" (Number of Visits 6) Tons { Gross 4150
 Net 2538
 Master Built at Glasgow By whom built Harland & Wolff Ltd (Glasg.) When built 1924
 Boiler made at Annan By whom made Cochran & Co., Annan When made 1923
 Owners A. Wain & Co Ltd Port belonging to Glasgow

VERTICAL DONKEY BOILER— No. One Description Cochran Manufacturers of steel P. Colville & Sons, Ltd.
 Made at Annan By whom made Cochran & Co., Annan Ltd. When made 1923 Where fixed MOTOR ROOM Working pressure 100 lbs.
 tested by hydraulic pressure to 200 lbs. Date of test 31. 8. 23 No. of Certificate 16328 Fire grate area 11 3/4 Description of safety valves SPRING LOADED
 No. of safety valves 2 Area of each 1.76 Pressure to which they are adjusted 100 lbs./sq. in. If steam from main boilers can enter the donkey boiler — Dia. of donkey boiler 4'-9" Length 12'-0" Material of shell plates Steel Thickness 3/8" 7/16" Range of tensile strength 23,325 Descrip. of riveting long. seams DR. lap Dia. of rivet holes 23/32" Whether punched or drilled drilled Pitch of rivets 2.386"
 Lap of plating 3 3/4" Per centage of strength of joint 74.2 Working pressure of shell by rules 118 lbs. Thickness of shell crown plates 9/16"
 Radius of do. 4'-9" No. of Stays to do. None Dia. of stays — Diameter of furnace Top Hemisphere Bottom 4'-0" Length of furnace 2'-10"
 Thickness of furnace plates 1/2" Description of joint Scambles Working pressure of furnace by rules 172 lbs. Thickness of furnace crown plates 1/2" Radius of do. 2'-0" Stayed by Hemisphere Diameter of uptake 11'-6 3/4" Thickness of uptake plates 1/2"
 Thickness of water tube plates 3/8"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

W. O. Gray.

Dates of Survey { During progress of work in shops - - 1923 Jun 29 July 27 Aug 3, 10, 24, 31
 while building { During erection on board vessel - - 6
 Total No. of visits 6

Drawing N^o 13461.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 Special Survey in accordance with the Rules and Approved Plan; the materials and workmanship are good.

This boiler is a duplicate of the boiler N^o 9221.

The boiler is to be fitted on board the vessel at Glasgow.

This boiler has now been fitted on board in an efficient manner, steam was raised & safety valves adjusted to 100 lbs./sq. in. Washers F 1 A 5/32"

Annual Survey Request.

Survey Fee ... £ 4 : 4 : - When applied for Monthly Account
 Travelling Expenses (if any) £ When received

Committee's Minute

GLASGOW

-4 SEP 1923

Assigned

TRANSMIT TO LONDON

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

A. B. Forster & A. H. Crinick

GLASGOW

26 FEB 1924

See G. Rpt. No. 43380

Lloyd's Register
 Foundation

WS06-0018