

REPORT ON BOILERS.

No. 40259

Received at London Office WEL AUG 11 1920

Date of writing Report 9th Aug 20 When handed in at Local Office 9 8 10 20 Port of Glasgow
 No. in Survey held at Aman Date, First Survey 21st May Last Survey 6th August 1920
 Reg. Book. Donkey Boiler No. 8467 for the M.S. Lochmonar (Number of Visits 9/6) Gross 9100 Net 6500
 on the Donkey Boiler No. 8467 for the M.S. Lochmonar Tons
 Master Aman Built at Belfast By whom built Harland & Wolff Ltd When built 1924
 Boilers made at Aman By whom made Cochran & Co. Aman When made 1920
 Owners Royal Mail S.P. Coy Port belonging to India

VERTICAL DONKEY BOILER No. 8467 Description Cochran Manufacturers of steel Belville & Sons
 Made at Aman By whom made Cochran & Co When made 1920 Where fixed Hydr Room Working pressure 100
 tested by hydraulic pressure to 200 Date of test 6/8/20 No. of Certificate 15411 Fire grate area 18.7 Description of safety valves Spring loaded
 No. of safety valves 4 Area of each 1.44 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
 in the donkey boiler Yes Dia. of donkey boiler 6'-0" Length 13'-6" Material of shell plates Steel Thickness 1 1/2" Range of tensile
 length 28/32 Descrip. of riveting long. seams Lap S.R. Dia. of rivet holes 27/32 Whether punched or drilled Drilled Pitch of rivets 2 1/2"
 p of plating 4/8 Per centage of strength of joint 72.7 Working pressure of shell by rules 105 Thickness of shell crown plates 1 1/2"
 Radius of do. 36 ins No. of Stays to do. None Dia. of stays 1" Diameter of furnace Top Radius Bottom 6 ins Length of furnace 40 3/16 ins
 Thickness of furnace plates 1/2" Description of joint Butt Ring Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 1/2" Radius of do. 30 ins Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16"
 Thickness of water tube plates 1" B. 2 1/2"

The foregoing is a correct description,
 For COCHRAN & CO., AMAN, LIMITED Manufacturer.
 G. Ratley.

Dates of Survey while building
 During progress of work in shops - 1920 May 21 28 Jun 4 11 14 25 July 2 9 30 Aug 6
 During erection on board vessel - -
 Total No. of visits 10

Drawing No. 11799.

Is the approved plan of boiler forwarded herewith

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

This boiler has been built under special survey.

The workmanship and materials are good.

The boiler is to the order of Harland & Wolff, Glasgow for hull no 517

This boiler is efficiently fitted in the vessel tested under
 steam & safety valves adjusted. & is eligible in my
 opinion & have heard + D.B. 6-24.

Survey Fee ... £ 2 : 2 : } When applied for, 19
 Travelling Expenses (if any) £ : : } When received, 19

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

TUES. 15 JUL 1920

Committee's Minute GLASGOW 10 AUG 1920

Assigned TRANSMIT TO LONDON

W1020-0239