

REPORT ON BOILERS.

No. 7043

21 SEP. 1927

9 MAY 1928

Date of writing Report 19 When handed in at Local Office 17. 9. 1927 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 4 Feb Last Survey 13 Sept 1927
 eg. Book. on the BOILERS N° 10275 - M.V. ELSA Number of Visits 12 Gross 5381
 Master Built at Glasgow By whom built Barclay Curle & Co. Ltd. When built 1927
 Boilers made at Annan By whom made Cochrane & Co. Annan Ltd. (619) When made 1927
 Owners Port belonging to Oslo

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Colville & Sons Ltd.
 Made at Annan By whom made Cochrane & Co. Annan Ltd. When made 1927 Where fixed Working pressure 120 lbs
 Tested by hydraulic pressure to 230 lbs Date of test 13/9/27 No. of Certificate 17573 Fire grate area 16.75 sq ft Description of safety valves Spring
 No. of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 120 lbs If fitted with easing gear ✓ If steam from main boilers can
 enter the donkey boiler No. Diameter of donkey boiler 5'6" Length 14'0" Material of shell plates Steel Thickness 15/32" & 17/32" ✓
 Range of tensile strength 28/32 tons Description of riveting long. seams D.R. Lap. Diameter of rivet holes 27/32" Whether punched or
 drilled drilled Pitch of rivets 2.775", 2.725", 2.6875" Lap of plating 4/4" Per centage of strength of joint Rivets 70.5 Working pressure of shell by
 plates 130.3 lbs. Thickness of shell crown plates 7/16" & 3/4" Radius of do. 2'9" No. of stays to do. None Diameter of stays ✓ Diameter of
 furnace—Top Hemispherical Bottom 4'9" Length of furnace Thickness of furnace side plates 1/2" Description of joint Seamless Working
 pressure of furnace by rules 144.8 lbs Thickness of Ogee ring 3/4" Working pressure of Ogee ring by rules 124.7 lbs Thickness of furnace
 crown plates 1/2" Radius of do. 2'4 1/2" Stayed by radius Diameter of uptake 13" x 19 1/2" Thickness of uptake
 plates 1/2" Thickness of tube plates front 27/32" back 11/16" Mean pitch of stay tubes in nest 10 1/2" Pitch in outer vertical rows 8" ✓
 Diameter of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules Front 124.8 lbs. Back 131.8 lbs. Tubes: Material Iron
 External diameter stay 2 1/2" plain 2 9/16" Thickness stay 1/32" plain 11 LBS. No. of threads per inch 9 Pitch of tubes 4" x 3 1/2" ✓
 Working pressure by rules 125 lbs. Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 g 6" x 1/16" No. of rivets and diameter of rivet holes 36 of 27/32" Outer row pitch at ends 3 3/4" ✓

The foregoing is a correct description,

For COCHRANE & CO., ANNAN, LIMITED

J. C. Woodham

Manufacturer.

Dates { During progress of work in shops- 1927 Feb. 4-8-11-22-25 Mar 1-4-8-11-16-22 Sep 13 Drawing No. 15317.
 { During erection on board vessel - -
 { Total No. of visits 12 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 in accordance with the Rules and approved plan. The materials and workmanships are good.
 It has been built to the order of Messrs Barclay Curle & Co. Glasgow for their M/V 619.

(See Glasgow Entry Report No. 7941)

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

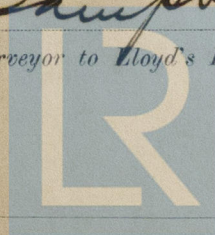
MONTHLY ACCOUNT

A. Campbell

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 20 SEP 1927

signed TRANSMIT TO LONDON



Lloyd's Register Foundation

W273-0093