

REPORT ON BOILERS.

No. 40765

Writing Report 8th Jan 21 When handed in at Local Office 8/1/21 Port of Glasgow
 in Survey held at Annan Date, First Survey 8th Oct 1920 Last Survey 7th Jan 1921
 Book. on the Donkey Boiler No. 8618 for S.S. RIVER ELY
 Built at Annan By whom built London & Annan S.S. & R. Co. Ltd When built 1921
 Made at Annan By whom made Cochran & Co. Annan Ltd When made 1920
 Made at Annan By whom made Cochran & Co. Annan Ltd When made 1920
 Port belonging to Cardiff

VERTICAL DONKEY BOILER— No. 8618 Description Cochran Manufacturers of steel Stewart & Lloyd.
 at Annan By whom made Cochran & Co When made 1921 Where fixed Stobrod. Working pressure 100
 by hydraulic pressure to 200 Date of test 7/1/21 No. of Certificate 15643 Fire grate area 125 ft² Description of safety valves 1 spring loaded
 of safety valves 2 Area of each 4.9 sq. in. Pressure to which they are adjusted 100 lbs. If fitted with easing gear Yes If steam from main boilers can
 the donkey boiler No Dia. of donkey boiler 5'-0" Length 11'-3" Material of shell plates Steel Thickness 19/32 Range of tensile
 28/32 Descrip. of riveting long. seams Lap S.R. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2.61
 of plating 3 7/8 Per centage of strength of joint Rivets 76.8 Working pressure of shell by rules 104 Thickness of shell crown plates 4 1/4
 us of do. 30 No. of Stays to do. 4 Dia. of stays 1 1/2 Diameter of furnace Top Radius Bottom 51 ins Length of furnace 35 1/2 ins
 thickness of furnace plates 1/2 Description of joint Roped Ring Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 1/2 Radius of do. 25 1/2 ins Stayed by Hemisphere Diameter of uptake 13 x 19 1/2 Thickness of uptake plates 1/2
 thickness of tube plates 7 1/2
 B. 7/32

The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED
 G. Waller. Manufacturer.

Dates During progress of work in shops— 1920 Oct 8, 15, 22, 25 Dec 3, 10, 17, 22, 29 (1921 Jan 7)
 Survey During erection on board vessel—
 while
 holding Total No. of visits 10

Drawing No. 12345
 Is the approved plan of boiler forwarded herewith Yes.

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

The boiler has been built under special survey. The workmanship & materials are good.
 The boiler is to the order of Messrs Wm Beardmore & Co Ltd - Glasgow.

This donkey boiler has been satisfactorily fitted on board, and its safety
 valves adjusted under steam to 100 lbs per sq. in. Thickness 15/32 inch.
 John H. Mackenzie.

Survey request form
 No. C1795 attached

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

John H. Mackenzie

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

Committee's Minute GLASGOW 11 JAN 1921 FRI. 26 MAY. 1921
 Assigned TRANSMIT TO LONDON



003567-003571-0267