

REPORT ON BOILERS.

No. 48791

Received at London Office 3 JAN 1929

Date of writing Report 19 29 When handed in at Local Office 19 29 Port of Glasgow
 No. in Reg. Book on the Survey held at Annan Boiler No. 11095 Date, First Survey 6. 11. 28 Last Survey Glasgow 15-1-29
 (Number of Visits) Tons Gross Net
 Master Built at Annan By whom built Messrs Cochran & Co. Annan Ltd When built 1929
 Boilers made at Annan By whom made Messrs Cochran & Co. Annan Ltd When made 1929
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. C. Shille & Sons.
 Made at Annan By whom made Cochran & Co Annan When made 1929 Where fixed Working pressure 125 lbs.
 tested by hydraulic pressure to 238 lbs Date of test 15-1-29 No. of Certificate 18164 Fire grate area 18.7 Description of safety valves Indirect Spring
 No. of safety valves 2 Area of each 3.14 sq Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler No Diameter of donkey boiler 6'-0" Length 15'-9" Material of shell plates Steel Thickness 17/32, 5/8, 17/32
 Range of tensile strength 28-32 Description of riveting long. seams D. R. Lap Diameter of rivet holes 29/32 Whether punched or
 drilled drilled Pitch of rivets 2.766, 2.843, 2.844 Lap of plating 4 1/2 Per centage of strength of joint Rivets 70.0 Working pressure of shell by
 rules 134.8 lbs Thickness of shell crown plates 3/32 + 1/2 Radius of do. 3'-0" No. of stays to do. Diameter of stays Diameter of
 furnace—Top Bottom 5'-0" Length of furnace 3'-6 3/16 Thickness of furnace side plates Description of joint Working
 pressure of furnace by rules 146.9 lbs Thickness of Ogee ring 29/32 Working pressure of Ogee ring by rules 126.8 lbs Thickness of furnace
 crown plates 17/32 Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 15" x 18" Thickness of uptake
 plates 9/16 Thickness of tube plates front 1/16 Mean pitch of stay tubes in nest 10.97 Pitch in outer vertical rows 7 1/2
 Diameter of tube holes FRONT stay 2 1/16 BACK stay 2 1/2 Working pressure of tube plates by rules F 127.9 lbs Tubes: Material Wrought iron
 External diameter stay 2 1/2 Thickness stay 1/32 No. of threads per inch 9 Pitch of tubes 3 9/16 x 3 3/4
 plain 2 1/2 Thickness plain 1 1/2 S.G. Working pressure by rules 125 lbs Manhole compensation: Size of opening in shell plate 12" x 16" Section of compensating
 ring 6" x 27/32 No. of rivets and diameter of rivet holes 36 of 27/32 Outer row pitch at ends 3 5/8

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED

Walter Deather Manufacturer.

Drawing No. E. 24726

Dates of Survey while building
 During progress of work in shops - 1928 Nov. 6-16-27-30 Dec 5-11-21 (1929) Jan 15
 During erection on board vessel -
 Total No. of visits 8

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 survey in accordance with the rules and approved plan. The materials and workmanship are good. This boiler is to the order Messrs Cammell Laird & Co Ltd, and intended for vessel No. 946.

Survey Fee ... £ 4 : 4 : 0 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 22 JAN 1929
 Assigned TRANSMIT TO LONDON

Lloyd's Register
 002762-002769-0156
 Foundation