

36109
Reading

pt. 5b.

REPORT ON BOILERS.

No. 36109

Received at London Office

Date of writing Report 23. 6. 1916 When handed in at Local Office 19 Port of Glasgow.
No. in Reg. Book. Survey held at Annan. Date, First Survey 26/5/16 Last Survey 23. 6. 1916
on the Donkey Boiler for St. Aigburth (Mun. Ross & Duncan E995) Tons {Gross
Master Paisley Built at Paisley By whom built J. Fullerton 160 (No 242) When built 1911.
Boilers made at Annan By whom made Cochran & Co Annan L^d When made 1916
Owners Alfred Rowland 160 Port belonging to Liverpool

VERTICAL DONKEY BOILER— No. 7090 Description Cochran. Manufacturers of steel The Glasgow Iron & Steel Co.
Made at Annan By whom made Cochran & Co. When made 1916 Where fixed Stokehead Working pressure 100
tested by hydraulic pressure to 200 Date of test 23. 6. 16 No. of Certificate 13457 Fire grate area 12.5 Description of safety valves Street Spring
No. of safety valves the Area of each 6.498 Pressure to which they are adjusted 100 lbs. If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 5-0 Length 11. 3 Material of shell plates S Thickness 13/32 - 15/32 Range of tensile strength 28- 32 Descrip. of riveting long. seams d. r. lap Dia. of rivet holes 25/32 Whether punched or drilled L Pitch of rivets 2-425
Lap of plating 3/8 Per centage of strength of joint Rivets 76-8 Working pressure of shell by rules 104 Thickness of shell crown plates 41/64 - 3/8
Radius of do. 2- 6 No. of Stays to do. none Dia. of stays Red Diameter of furnace Top 2- 1 1/2 Bottom ✓ Length of furnace 2- 11 1/2
Thickness of furnace plates 41/64 - 1/2 Description of joints hemispherical & R^d Ring Working pressure of furnace by rules 100 Thickness of furnace crown plates 1/2 Radius of do. 2- 1 1/2 Stayed by hemispherical Diameter of uptake 13 x 19 1/2 Thickness of uptake plates 1/2
Thickness of water tubes Plate F 21/32 - B 17/32

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

Dates { During progress of work in shops - - } 1916 May 26 - June 9. 16. 23.
of Survey { During erection on board vessel - - }
while building { Total No. of visits 4

Is the approved plan of boiler forwarded herewith Yes 8918

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

The material & workmanship is good.
The boiler has been built under special survey.
The Boiler has been satisfactorily secured on board and the safety valves adjusted under steam.

Survey request form
No. 1376 attached

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

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 27 JUN. 1916
Assigned TRANSMIT TO LONDON

W. Mitchell
Lloyd's Register Foundation
W 175 0055

(The Surveyors are requested not to write on or below the space for Committee's Minute.)