

REPORT ON BOILERS.

No. 39921

Hull no 33811

Received at London Office

WED. MAY. 12 1920

Date of writing Report 8th May 1920 When handed in at Local Office 8.5.20 Port of Glasgow

No. in Survey held at 78208 Reg. Book. Donkey Boiler No. 8245 for the S.S. "BROOKSIDE" Date, First Survey 12.3.20 Last Survey 7th May 1920 (Number of Visits 7) Tons Gross 581.32 Net 252.32

Master J. Rose Built at Goole By whom built Goole S.B. & R. Co. (No 241) When built 1922

Boilers made at Annan By whom made Cochran & Co. Annan Ltd When made 1920

Owners J. Rose Port belonging to Sunderland

VERTICAL DONKEY BOILER— No. 8245 Description Cochran Manufacturers of steel Stewarts & Lloyds

Made at Annan By whom made Cochran & Co When made 1920 Where fixed boiler room Working pressure 100

tested by hydraulic pressure to 200 Date of test 7/5/20 No. of Certificate 15278 Fire grate area 125 ft² Description of safety valves Spring loaded

No. of safety valves one Area of each 7.067 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 Steel Thickness 3/32 Range of tensile strength 28/32 Descrip. of riveting long. seams Lap. S. R. Dia. of rivet holes 3/32 Whether punched or drilled drilled Pitch of rivets 2.61

Lap of plating 3 7/8 Per centage of strength of joint 76.8 Working pressure of shell by rules 104 Thickness of shell crown plates 4/16 Rivets 76.8 Plates 67.7

Radius of do. 30 ins No. of Stays to do. none Dia. of stays ✓ Diameter of furnace Top Radius Bottom Studs Length of furnace 35 1/2 ins

Thickness of furnace plates 1/2 Description of joint Riveted 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 water tube plate 7/32 B. 17/32

The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
W.V. Gray

Dates { During progress of work in shops - - } 1920 Mar 12-19. 26 Apr 1. 9. 16. 23. 30
{ During erection on board vessel - - } May 4
while building { Total No. of visits } 9

Drawing No 12316

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 and materials are of good quality.
The boiler is to the order of the Goole S.B. & R. Coy and intended Ship No 241. (S.S. Brookside)

This boiler has been properly fitted & secured on board the S.S. "Brookside," and its safety valves adjusted under steam.

P. Fitzgerald.

Survey request form
No C1748 attached

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

MONTHLY ACCOUNT

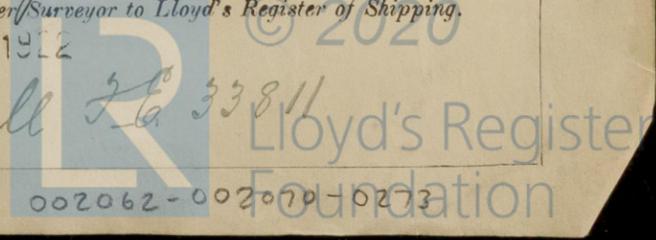
Peter H. Hegor.

Engineer/Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 11 MAY 1920
Assigned TRANSMIT TO LONDON

FRI. 10 NOV. 1912

See Hull No 33811



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

14/57