

## REPORT ON BOILERS.

No. 38477.  
WED. 29. JAN 1919

Received at London Office

Writing Report 25<sup>th</sup> Jan 1919 When handed in at Local Office

19 Port of

Glasgow.

Survey held at

Annan.

Date, First Survey 6/12/18

Last Survey

24<sup>th</sup> Jan 1919

on the

Donkey Boiler No 7606

for the S.S. "Lullagat."

(Number of Visits)

Gross

Tons

Net

Built at Birkhead

By whom built

Cammell Laird Ltd

When built

1920

de at

Annan

By whom made

Cochran &amp; Co. Annan Ltd

When made

1919.

Tr J Brocklebank &amp; Co

Port belonging to

Liverpool.

CAL DONKEY BOILER

No. 7606

Description

Cochran

Manufacturers of steel

J. &amp; B. Beardsmore &amp; Co.

Annan

By whom made

Cochran &amp; Co.

When made

1919

Where fixed

Engine Room

Working pressure

100

Hydraulic pressure to

200

Date of test

24/1/19

No. of Certificate

4590

Fire grate area

18.7 sq ft

Description of safety valves

Spring loaded.

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

key boiler

✓

Dia. of donkey boiler

6'-0"

Length

12'-6"

Material of shell plates

Steel

Thickness

15/32 x 17/32

Range of tensile

Descrip. of riveting long. seams

D.R. Lap.

Dia. of rivet holes

27/32

Whether punched or drilled

drilled

Pitch of rivets

2 1/2 in

Pitch of rivets

2 1/2 in

Pitch of rivets

Per centage of strength of joint

48

Rivet

73.3

Plates

68

Working pressure of shell by rules

106

Thickness of shell crown plates

7/16 x 13/16

Thickness of shell crown plates

7/16 x 13/16

No. of Stays to do

None

Dia. of stays

✓

Diameter of furnace Top

Radius

Bottom

60"

Length of furnace

41 13/16"

Length of furnace

41 13/16"

Length of furnace

furnace plates

2 x 13/16

Description of joint

✓

Working pressure of furnace by rules

100 lbs

Thickness of furnace crown

100 lbs

Thickness of furnace crown

100 lbs

Thickness of furnace crown

100 lbs

Thickness of furnace crown

Radius of do.

30"

Stayed by

Hemisphere

Diameter of uptake

10 x 19 1/2"

Thickness of uptake plates

9/16

Thickness of uptake plates

9/16

Thickness of uptake plates

9/16

Thickness of uptake plates

water tubes

Plates

Front 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

Back 2 1/2"

The foregoing is a correct description.

For COCHRAN &amp; CO., ANNAN, LIMITED

Manufacturer.

H.C. Woodham

During progress of work in shops - 1918 Dec 6-13-19. 1919 Jan 10-17-24.

During erection on board vessel -

Total No. of visits

6.

Drawing No 9285

Is the approved plan of boiler forwarded herewith

Yes.

CAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.)

The boiler has been built under special survey.

The workmanship and materials are good.

The boiler is being sent to Birkhead

This Donkey boiler has now been satisfactorily fitted on board.  
 The safety valves examined & adjusted as above, & is eligible, in my  
 opinion for the notification D.B. 100 lbs

Key request form

C1544. attached

It is submitted that  
 this vessel is eligible for  
 THE RECORD. II B 100 lbs

Ret  
 12/8/20

Key Fee ... £ 2 : 2 :  
 Travelling Expenses (if any) £ :

When applied for, 19  
 When received, 19

Committee's Minute Glasgow 28 JAN 1919

TRANSMIT TO LONDON

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



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 Foundation