

# REPORT ON BOILERS.

No. 51022

19 NOV 1930

Received at London Office

Shipping Report

19

When handed in at Local Office

12. 11. 1930

Port of

GLASGOW

Survey held at

Annan

Date, First Survey

Last Survey

7

1930

k.

on the

Boiler No. 11674

(former "STORSTEN")

(Number of Visits)

7

1930

Gross

Net

Built at

By whom built

When built

made at

Annan

By whom made Messrs Buchanan & Co. Annan Ld. Annan

When made 1930

Port belonging to

TICAL DONKEY BOILER

No. One

Description

Vertical

Manufacturers of steel

D. Balvill & Sons Ld.

Annan

By whom made

Buchanan & Co. Annan Ld.

When made

1930

Working pressure

100

hydraulic pressure to

200

Date of test

7-11-30

No. of Certificate

8865

Fire grate area

225

Description of safety valves

Enclaved Spring

safety valves

2

Area of each

49

Pressure to which they are adjusted

If fitted with easing gear

Yes

If steam from main boilers can

the donkey boiler

Diameter of donkey boiler

6-6"

Length

16-3"

Material of shell plates

Steel

Thickness

5/32"

of tensile strength

28-32

Description of riveting long. seams

D.R. Lap.

Diameter of rivet holes

27/32"

Whether punched or

drilled

Pitch of rivets

2-663"

Lap of plating

4 1/4"

Per centage of strength of joint

Rivets

68-8

Working pressure of shell by

110

Thickness of shell crown plates

27/32"

Radius of do.

3-3"

No. of stays to do.

✓

Diameter of stays

✓

ce-Top

Bottom

5-6"

Length of furnace

✓

Thickness of furnace side plates

✓

Description of joint

Working

re of furnace by rules

125

Thickness of Ogee ring

27/32"

Working pressure of Ogee ring by rules

101-1

plates

1/2"

Radius of do.

2-9"

Stayed by Hemisphere

Diameter of uptake

16" X 23"

Thickness of uptake

9/16"

Thickness of tube plates

front 13/16"

back 23/32"

Mean pitch of stay tubes in nest

11-6"

Pitch in outer vertical rows

8"

ter of tube holes

FRONT

stay 2 1/16"

plain 2 9/16"

BACK

stay 2 1/2"

plain 2 1/2"

Working pressure of tube plates by rules

F. 101-8

107-9

Tubes: Material

Woot Iron

nal diameter

stay 2 1/2"

Thickness

plain 1 1/2"

plain 1 1/2"

No. of threads per inch

9

Pitch of tubes

3 9/16" X 4"

ing pressure by rules

125

Manhole compensation: Size of opening in shell plate

16" X 12"

Section of compensating

6" X 1/16"

No. of rivets and diameter of rivet holes

36 off.

27/32"

Outer row pitch at ends

3-96"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIM.

Walter Beattie

Manufacturer.

Drawing No. 18416

Works Manager.

tes

crey

ile

ling

During progress of

work in shops- 1930 Oct 24 Nov 7

During erection on

board vessel - Surveyor on regular attendance

Total No. of visits

minimum four visits.

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 has been built to the order of Messrs Bushell & Co. Newcastle, and is intended for the M.V. "STORSTEN"

Survey Fee

...

...

£

4

:

4

:

When applied for

19

Travelling Expenses (if any)

£

:

:

When received

19

MONTHLY ACCOUNT

Committee's Minute

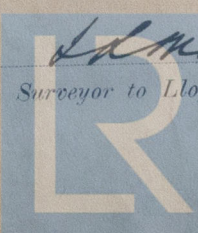
GLASGOW

18 NOV 1930

Assigned

TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W219-0145