

REPORT ON BOILERS.

No. 49291

5 JUN 1929

Received at London Office

1929

Report

19

When handed in at Local Office

1. 6.

19 29

Port of Glasgow.

Survey held at

Annan.

Date, First Survey

✓

Last Survey

30-5-19 29.

(Number of Visits)

Gross

Net

on the

BOILER No 11076. ✓

Built at

By whom built

When built

de at

Annan.

By whom made

Messrs. Cochran & Co. Annan Ltd

When made

1929.

Port belonging to

CAL DONKEY BOILER—

No. One.

Description

Vertical.

Manufacturers of steel

D. Colville & Sons Ltd.

Annan.

By whom made

Cochran & Co. Annan Ltd

When made

1929.

Where fixed

Stockholm.

Working pressure

100.

Hydraulic pressure to

200.

Date of test

30-5-29.

No. of Certificate

18309.

Fire grate area

37 1/2.

Description of safety valves

Enclosed spring

ety valves

2

Area of each

7.06

Pressure to which they are adjusted

100 lb.

If fitted with easing gear

Yes

If steam from main boilers can

donkey boiler

No

Diameter of donkey boiler

8'-0"

Length

16'-6"

Material of shell plates

Steel.

Thickness

9" 11" 9"

tensile strength

28-32.

Description of riveting long. seams

D.R. lap.

Diameter of rivet holes

29/32"

Whether punched or

drilled.

Pitch of rivets

2-8 1/2 2-8 1/2 2-6 1/2

Lap of plating

4 1/2"

Per centage of strength of joint

66.6.

Working pressure of shell by

plates.

66.6.

Thickness of shell crown plates

1/2", 1"

Radius of do.

4'-0"

No. of stays to do.

✓

Diameter of stays

✓

Diameter of

Top

✓

Bottom

7'-0"

Length of furnace

4'-3 1/2"

Thickness of furnace side plates

✓

Description of joint

✓

Working

of furnace by rules

124-2.

Thickness of Ogee ring

1"

Working pressure of Ogee ring by rules

117.

Thickness of furnace

tes

5/8"

Radius of do.

3'-6"

Stayed by

Hemisphere.

Diameter of uptake

2 1/2" x 25"

Thickness of uptake

of tube holes

FRONT

stay 2 1/2"

BACK

stay 2 1/2"

Working pressure of tube plates by rules

F. 102.

B. 109.3.

Tubes: Material

Woot iron.

diameter

stay 2 1/2"

plain 2 1/2"

stay 2 1/2"

plain 2 1/2"

No. of threads per inch

9.

Pitch of tubes

3 1/2" x 4 1/2"

pressure by rules

125.

Manhole compensation: Size of opening in shell plate

16" x 12"

Section of compensating

6" x 2 1/2"

No. of rivets and diameter of rivet holes

36 off. 29/32"

Outer row pitch at ends

3-9 1/4"

The foregoing is a correct description,

COCHRAN & CO. ANNAN, LIMITED

J. E. Woodham

Manufacturer.

(During progress of work in shops—)

Surveyor on regular attendance

minimum four visits.

Drawing No.

14630.

(During erection on board vessel—)

Is the approved plan of boiler forwarded herewith

Yes.

Total No. of visits

GENERAL REMARKS

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

This boiler has been built in Survey in accordance with the Rules and approved plan.

materials and workmanship are good.

boiler is to the order of Messrs. Walliker & Hindmarsh, Cardiff is intended for S.S. "Pensilva"

Survey Fee

£ 4 : 4 : :

When applied for

19

Travelling Expenses (if any)

£ : : :

When received

19

MONTHLY ACCOUNT

Committee's Minute

GLASGOW

4

JUN 1929

signed

TRANSMIT TO LONDON

TUE. 20 AUG 1929

John D. Macdonald

Engineer Surveyor to Lloyd's Register of Shipping.

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Lloyd's Register Foundation

W262-0041