

# REPORT ON BOILERS.

Sld. No. 32744  
Sld. No. 61562

Received at London Office.

21 SEP 1939

NOV 27 1939

Report

19

When handed in at Local Office

18. 9. 1939

Port of

Glasgow

Sld 16. 11. 39

No. in Survey held at

Annan

Date, First Survey

14. 6. 39

Last Survey

12-9-1939

Q. Book.

on the

M/V "BEIGNON"

(Number of Visits

12)

Tons

Gross 5218

Net 3004

ster

Built at Sunderland

By whom built

Wm. Dorey & Co. (Nº 653)

When built

1939

alters made at

Annan

By whom made

Cochran & Co. Annan Ltd. (Nº 14505)

When made

1939

ners

Holismant S. & Co. Ltd

Port belonging to

London

## VERTICAL DONKEY BOILER

No. one

Description

Cochran & Co. Annan Ltd.

Manufacturers of steel

Cochran & Co. Annan Ltd.

ade at

By whom made

When made

Where fixed

recess.

Working pressure 120

sted by hydraulic pressure to

230

Date of test

12. 9. 38

No. of Certificat

20438

Fire grate area

oil

Description of safety valves

Enclosed spring

o. of safety valves

2

Area of each

1.069"

Pressure to which they are adjusted

120

If fitted with easing gear

yes

If steam from main boilers can

ter the donkey boiler

Diameter of donkey boiler

8.0"

Length

17.9"

Material of shell plates

S

Thickness

21/32 13/16

ange of tensile strength

28.32 kmo

Description of riveting long. seams

DR Lap

Diameter of rivet holes

1 1/32"

Whether punched or

illed drilled

Pitch of rivets

3.154" 3.135" 3 7/8"

Lap of plating

5"

Per centage of strength of joint

Rivets

66.27453.9

Working pressure of shell by

les 127.5

Thickness of shell crown plates

1 1/32 19/32

Radius of do.

4.0"

No. of stays to do.

Diameter of stays

Diameter of

Top

Bottom

7.0"

Length of furnace

essure of furnace by rules

144

Thickness of Ogee ring

1 1/2"

Working pressure of Ogee ring by rules

124

Thickness of furnace

own plates

23/32"

Radius of do.

3.6"

Stayed by

Hemisphere

Diameter of uptake

2 1/2" x 2 5/8"

own plates

23/32"

Radius of do.

3.6"

Stayed by

Hemisphere

Diameter of uptake

2 1/2" x 2 5/8"

Thickness of uptake

front

1 1/4"

Mean pitch of stay tubes in nest

8.53" 8.72" 9.47"

Pitch in outer vertical rows

6.36" & 5 1/4"

Thickness of tube plates

front

1 1/4"

Thickness of tube plates

front

1 1/4"

back

1 1/4"

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