

MON. 3-FEB. 1919

REPORT ON BOILERS.

No. 361914

pt. 5b.

Date of writing Report 28.7.16 When handed in at Local Office 19

Port of Rotterdam

2/8/16 (completed)

No. in Reg. Book.

Survey held at

Grunen

Date, First Survey 24/3/16

Last Survey 28/7/16

1916

(Number of Visits 9)

Gross 3887

Net 3692

Master

Gwendolyn

Built at

Bolnes

By whom built

Gehr Pot

When built

1910

Boilers made at

Grunen

By whom made

Leachman & Co. Ltd.

When made

1916

set of owners

Petroleum Co. Ltd.

Port belonging to

Gruenbrage.

VERTICAL DONKEY BOILER

No. 4072

Description

Bochran

Manufacturers of steel

J. Bolville & Sons

Made at

Grunen

By whom made

Bochran & Co.

When made

1916

Where fixed

In the hold

Working pressure

100

Tested by hydraulic pressure to

200

Date of test

28.7.16

No. of Certificate

B69

Fire grate area

✓

Description of safety valves

Two spring loaded

No. of safety valves

1

Area of each

4.95

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

8' 0"

Length

16'-10"

Material of shell plates

S

Thickness

1/2"

Range of tensile

3-02

Pitch of rivets

3-04

Length

28.32

Descrip. of riveting long. seams

d.r.c.

Dia. of rivet holes

3/16"

Whether punched or drilled

2

Thick. of shell crown plates

1/2"

Thick. of furnace crown

5/8"

Map of plating

4 3/4

Per centage of strength of joint

Rivets

69-4

Working pressure of shell by rules

108

Thick. of shell crown plates

1/2"

Thick. of furnace crown

5/8"

Radius of do.

4' 0"

No. of Stays to do.

none

Dia. of stays

Rad.

Diameter of furnace Top

3' 6"

Bottom

✓

Length of furnace

4' 4"

Thick. of furnace plates

5/8 - 1"

Descrip. of

hemisphere

Working pressure of furnace by rules

114

Thick. of furnace crown

5/8"

Radius of do.

3' - 6"

Stayed by

hemisphere

Thick. of uptake plates

5/8"

Diameter of uptake

2 1/2 x 25

Thick. of uptake plates

5/8"

The foregoing is a correct description,

for Bochran & Co. Grunen Ltd.

(Signed) L. W. Allen

Manufacturer.

Dates

During progress of work in shops - -	1916	March 24	April 5	May 26	June 9	16	23	30	July 4	21	28
During erection on board vessel - -											
Total No. of visits	9										

Is the approved plan of boiler forwarded herewith

Yes 11122

GENERAL REMARKS

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

The material & workmanship is good
The boiler has been built under special survey

This donkey boiler has been satisfactorily fitted and safety valves adjusted under steam.

J. G. O'Brien

Original Aft attached.

7/2/18

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

Monthly account

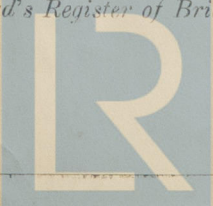
(Signed) John H. Heck

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

Committee's Minute

TUE. 11 FEB. 1919

assigned



Lloyd's Register
Foundation

W1280-0030

Iris

advised Rot.



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