

## REPORT ON BOILERS.

No. 35819

WED. 1-MAR. 1916

Received at London Office

Date of writing Report Feb 25th 1916 When handed in at Local Office

19

Port of Glasgow

No. in Survey held at Annan

Date, First Survey 21/1/16

Last Survey Feb 25th 1916

No. in Reg. Book.

on the Boiler for

Messrs Compania Industrial de Bilbao

(Number of Visits 5)

Gross

Net

Water

Built at

By whom built

When built

Boilers made at Annan

By whom made Cochran &amp; Co Annan Ltd: Annan

When made 1916

Boilers

Port belonging to

## VERTICAL DONKEY BOILER—

No. 7102

Description Cochran

Manufacturers of steel D. Beville &amp; Sons

Made at Annan

By whom made Cochran

When made 1916

Where fixed

Working pressure 100 lb

Tested by hydraulic pressure to 200 Date of test 25-2-16

No. of Certificate 3364

Fire grate area 26.75

Description of safety valves

No. of safety valves

Area of each

Pressure to which they are adjusted

If fitted with easing gear

If steam from main boilers can

Enter the donkey boiler

Dia. of donkey boiler 7'0"

Length 15'0"

Material of shell plates Steel

Thickness 5/8"

Range of tensile

Length 28/32

Descrip. of riveting long. seams D.R. Lap

Dia. of rivet holes 29/32

Whether punched or drilled drilled

Pitch of rivets 2.92"

Type of plating 4 1/2"

Percentage of strength of joint

Rivets 40.6

Working pressure of shell by rules 106

Thickness of shell crown plates 15/32"

2.75"

Radius of do. 42"

No. of Stays to do. nil

Dia. of stays

Diameter of furnace Top Rad

Bottom 72"

Length of furnace 47 1/4"

Thickness of furnace plates 17/32"

Description of joint

Working pressure of furnace by rules 100

Thickness of furnace crown

Plates 17/32"

Radius of do. 26"

Stayed by Hemisphere

Diameter of uptake 15 1/2"

Thickness of uptake plates 9/16"

Thickness of water tubes Plates

Front 7/8"

Back 3/4"

The foregoing is a correct description,

For COCHRAN &amp; CO., ANNAN, LIMITED

Manufacturer.

G. Watley.

Dates During progress of

work in shops - -

1916 Jan 21-25 Feb 11-18-25

of Survey During erection on

board vessel - -

while building

Total No. of visits

5

Is the approved plan of boiler forwarded herewith Yes

Drawing No 9696

## GENERAL REMARKS

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

The material &amp; workmanship.

are good. The boiler has been built under special survey.

Survey request form

No. 1337 attached

Survey Fee ... .. £ 2 : 2 : } When applied for, 19

Travelling Expenses (if any) £ : : } When received, 19

MONTHLY ACCOUNT.

29 FEB. 1916

Committee's Minute GLASGOW

Assigned TRANSMIT TO LONDON

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

WED. 30 MAY. 1917



Lloyd's Register Foundation

003495-003502-0062