

5b.

REPORT ON BOILERS.

Received at London Office 10 June 1911

of writing Report 13 April 1914 When handed in at Local Office

Port of Glasgow

No. in
Book.

Survey held at Annan

SS. HOPELYN

Date, First Survey 23rd Feb.

Last Survey 13 April

1914

(Number of Visits 4)

Gross

Net

on the Donkey boiler for Swan Hunter & Wigham Richardson

52.1041

Tons

Built at Sunderland

By whom built Swan Hunter & Wigham Richardson Ltd

When built

Boiler made at Annan

By whom made Cochran & Co Annan Ltd.

When made 1914.

Port belonging to

VERTICAL DONKEY BOILER

No. 7412

Description Cochran

Manufacturers of steel

Stewart & Lloyd

Boiler made at Annan

By whom made Cochran & Co

When made 1914

Where fixed In Staircase

Working pressure 100

Tested by hydraulic pressure to 200

Date of test 13-4-14

No. of Certificate 13749

Fire grate area 1645

Description of safety valves 2 valves spring

of safety valves 2

Area of each 7.06

Pressure to which they are adjusted 100 lbs

If fitted with easing gear Yes

If steam from main boilers can

the donkey boiler No

Dia. of donkey boiler 4'0"

Length 15'0"

Material of shell plates Steel

Thickness 5" + 1/4"

Range of tensile

Length 18'2"

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

Dia. of rivet holes 29"

Whether punched or drilled drilled

Pitch of rivets 2.92"

of plating 4 1/2"

Per centage of strength of joint Rivets 70.6%

Plates 64%

Working pressure of shell by rules 106 lbs

Thickness of shell crown plates 7/8" + 1/2"

Diameter of do. 42"

No. of Stays to do. 4

Dia. of stays

Diameter of furnace Top Radius

Bottom 42"

Length of furnace 44 3/4"

Thickness of furnace plates 17/32"

Description of joint 17/32" + 7/8"

Working pressure of furnace by rules 100

Thickness of furnace crown

Radius of do. 36"

Stayed by Hemispherical

Diameter of uptake 15'2 3/4"

Thickness of uptake plates 9/16"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

G. Watley

Manufacturer

Dates

During progress of work in shops - 1914 Feb. 23, 29, 16, 23, 30 Apr. 13

Survey

During erection on

while

board vessel - -

Building

Total No. of visits 4

Is the approved plan of boiler forwarded herewith for

Drawing No. 9696

GENERAL REMARKS

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

The material & workmanship

is good.

The boiler has been built under special survey.

Survey request form

No. 1463 attached

Survey Fee

£ 2 : 2 :

When applied for

Travelling Expenses (if any) £

When received

MONTHLY ACCOUNT.

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

TUE. 26 FEB. 1918

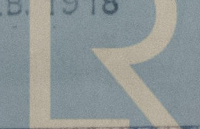
Committee's Minute

GLASGOW

17 APR. 1917

Assigned

TRANSMIT TO LONDON



Lloyd's Register

W702 0216