

REPORT ON BOILERS.

No. 34250

Date of writing Report 9th Nov 1917 When handed in at Local Office

Received at London Office

WED. NOV. 14 1917.

No. in Survey held at Annan

Date, First Survey 9-8-17

Last Survey 9th Nov. 1917

458 on the Boiler for metal Hauland + Moff Sts: Glasgow S S C Lennox

Maste Built at Glasgow

By whom built Barclay Curle & Co (No 519) When built 1918

Boiler made at Annan

By whom made Cochran & Co: Annan Ltd

When made 1917

Owner G C Lene Ltd

Port belonging to Glasgow

VERTICAL DONKEY BOILER

No. 7571

Description Cochran

Manufacturers of steel Glasgow S. & S. Co. Ltd

Made at Annan By whom made Cochran & Co

When made 1917

Where fixed aft of main engine Working pressure 100

test by hydraulic pressure to 200 Date of test 9-11-17

No. of Certificate 13978

Fire grate area

Description of safety valves Spring loaded

No. of safety valves 2

Area of each 3.4 sq ft

Pressure to which they are adjusted 100 lb

If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler

Dia. of donkey boiler 4'9"

Length 11'9"

Material of shell plates Steel

Thickness 7/16" + 3/8"

Range of tensile

strength 28

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

Dia. of rivet holes 3/8"

Whether punched or drilled drilled Pitch of rivets

Lap of plating 3 5/8"

Per centage of strength of joint

Rivets 76.7%

Working pressure of shell by rules 100

Thickness of shell crown plates 9/16"

Radius of do. 57"

No. of Stays to do. nil

Dia. of stays

Diameter of furnace Top Radius Bottom 48"

Length of furnace 34"

Thickness of furnace plates 1/2" + 5/8"

Description of joint

Working pressure of furnace by rules 100

Thickness of furnace crown plates 1/2"

Radius of do. 24"

Stayed by Hemispherical

Diameter of uptake 11" x 16 3/4"

Thickness of uptake plates 1/2"

Thickness of water tubes Plates

Front 3/4"

Back 5/8"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

H. Woodham

Dates During progress of work in shops - 1917 Aug 9, 24, 31, Sep 14, 21, Oct 12, 19, Nov 2, 9.

During erection on board vessel -

Total No. of visits

9

Is the approved plan of boiler forwarded herewith for

Drawing No 11465

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. 9494 attached

This boiler has now been satisfactorily tested on board the vessel under steam and the safety valves adjusted

Jas Easton

21-9-18

Survey Fee ... £ 2 : 2 :

Traveling Expenses (if any) £ :

When applied for, 19

When received, 19

MONTHLY ACCOUNT

FRI 23 JAN 1920

TUE NOV 13 1921

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

GLASGOW 24 SEP 1918

See Glasgow Report

Lloyd's Register

No. 38170

FRI 11 JUL 1919

FRI 9 MAY 1919

W1012-0224

Committee's Minute GLASGOW

13 NOV 1917

Assigned TRANSMIT TO LONDON

TUE 14 OCT. 1919



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