

REPORT ON BOILERS.

No. 44095

Date of writing Report 18-10

1924

When handed in at Local Office

20. 10. 1924

Port of

Glasgow

Received at London Office

22 OCT 1924

No. in Survey held at

Annan

Date, First Survey

19th Sept 1924

Last Survey

17 Oct 1924

Reg. Book.

on the Boiler no 9441 for Societe des Ateliers Chantiers de France, Dunkirk for S/S. H.N. Vessel no. 132 Tons

(Number of Visits 4)

Gross

Net

Master

Built at

By whom built

When built

Boilers made at

Annan

By whom made

Cochran & Co. Annan Ltd.

When made 1924

Owners

Port belonging to

VERTICAL DONKEY BOILER

No. One

Description

Cochran Type

Manufacturers of steel

D. Colville & Sons Ltd

Made at

Annan

By whom made

Cochran & Co. Annan Ltd

When made

1924

Where fixed

Working pressure 100 lb/sq in

tested by hydraulic pressure to 200 lb/sq in

Date of test 17-10-24

No. of Certificate 16634

Fire grate area 12.5 sq ft

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 5'-0"

Length 13'-0"

Material of shell plates Steel

Thickness 13/32"

Range of tensile

strength 28-32 tons

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

Dia. of rivet holes 25/32"

Whether punched or drilled drilled

Pitch of rivets 2.608"

Lap of plating 3 7/8"

Per centage of strength of joint

Rivets 67.78

Working pressure of shell by rules 119.9 lb/sq in

Thickness of shell crown plates 3/8"

2 1/32"

Radius of do. 2'-6"

No. of Stays to do. None

Dia. of stays

Diameter of furnace Top Hemisphere

Bottom 4'-8"

Length of furnace 2'-3 5/8"

Thickness of furnace plates 1/2"

Description of joint Seamless & Ogee Ring

Working pressure of furnace by rules 162 lb/sq in

Thickness of furnace crown

plates 1/2"

Radius of do. 2'-1 1/2"

Stayed by Hemisphere

Diameter of uptake 13" x 19 1/2"

Thickness of uptake plates 1/2"

Thickness of water tubes Plates

F = 2 1/32"

B = 17/32"

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

Thomas Valley

Dates of Survey while building

During progress of work in shops - -

1924 Sept 19 26 Oct 3 17

During erection on board vessel - -

Total No. of visits

4

Is the approved plan of boiler forwarded herewith

yes

GENERAL REMARKS

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

This boiler which has not been built under special survey, has been examined throughout and the scantlings checked and found in accordance with the plan, the materials have been tested by the Society's Surveyors and the marks on the plates verified with the certificate; the boiler has been tested by hydraulic pressure to 200 lbs per sq in with satisfactory results; workmanship good.

This boiler is a duplicate of the boiler no 8839 except in respect of the ash-pit extension on this boiler. Glasgow report no. 41460 and is to the order of Societe des Ateliers Chantiers de France, Dunkirk for S/S. H.N. Vessel no 132.

Annual Survey Request.

Survey Fee ... £ 4 : 4 :

Travelling Expenses (if any) £ :

When applied for

When received

10

19

Committee's Minute

Assigned

GLASGOW 21 OCT 1924

TRANSMIT TO LONDON

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

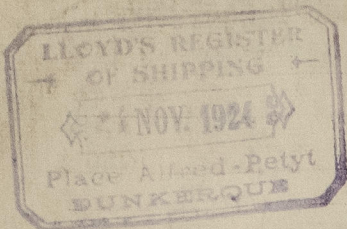
J. S. Nicholas

JAN 1927

See Det. I. 6 Vpt. No 2760

Lloyd's Register Foundation

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