

REPORT ON BOILERS.

THU. FEB. 12. 1914

Old Rpt No 26006

No. 33383

WED. DEC. 3-1913

Date of writing Report 27-11-1913

When handed in at Local Office 29-11-1913

Received at London Office

No. in Reg. Book.

Survey held at Annan

Date, First Survey 31-10-1913

Port of Glasgow

Last Survey 27-11-1913

Supp 55 on the Donkey Boiler for S/S KAPARA (then I Crown & Sons S/S 152) Tons

(Number of Visits 5-8)

Gross 542

Net 405

Master D. Forrest

Built at Sunderland

By whom built John Brown & Sons Ltd

When built 1914

Boiler made at Annan

By whom made Cochran & Co Annan Ltd

When made 1913

Owners Adelaide Steam Tug Co

Port belonging to Port Adelaide

VERTICAL DONKEY BOILER

No. 6384

Description Cochran

Manufacturers of steel W Beadmore & Co

Made at Annan

By whom made Cochran & Co

When made 1913

Where fixed at Glasgow

Working pressure 100

tested by hydraulic pressure to 200

Date of test 27-11-1913

No. of Certificate 1243

Fire grate area 22-5

Description of safety valves direct spring

No. of safety valves two

Area of each 4910

Pressure to which they are adjusted 104

If fitted with easing gear yes

If steam from main boilers can enter the donkey boiler no

Dia. of donkey boiler 6-6

Length 13-6

Material of shell plates S

Thickness 2-19

Range of tensile 2-67

strength 28-32

Descrip. of riveting long. seams dl

Dia. of rivet holes 27

Whether punched or drilled d

Pitch of rivets 2-75

Lap of plating 4-8

Percentage of strength of joint Rivets 69

Plates 68-5

Working pressure of shell by rules 108

Thickness of shell crown plates 7-32

Radius of do. 3-3

No. of Stays to do. none

Dia. of stays 2-9

Description of joint hemisphere

Working pressure of furnace by rules 100

Thickness of furnace crown plates 9-16

Thick. of furnace plates 1/2

Radius of do. 2-9

Stayed by hemisphere

Diameter of uptake 15 x 23

Thickness of uptake plates 9-16

plates 1/2

Radius of do. 2-9

Stayed by hemisphere

Diameter of uptake 15 x 23

Thickness of uptake plates 9-16

Thick. of uptake tubes Plate F 13/16 B 23/32

Radius of do. 2-9

Stayed by hemisphere

Diameter of uptake 15 x 23

Thickness of uptake plates 9-16

The foregoing is a correct description,

For COCHRAN & CO, ANNAN, LIMITED Manufacturer.

Dates
Survey while building
During progress of work in shops - - 1913 Oct. 31. Nov. 7-24-27
During erection on board vessel - - Feb 3. 5. 7
Total No. of visits 5-8.

Is the approved plan of boiler forwarded herewith 7/9884

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. C977 attached

Sunderland :- The boiler has been satisfactorily fitted in the vessel and its safety valves adjusted as above. adjusting washers - P 9/16 S 7/16.

Survey Fee ... £ 2 : 2

Travelling Expenses (if any) £ :

When applied for, 19
When received, 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 2-DEC. 1913

Assigned Transmit to London

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

FRI. FEB. 13. 1914



Lloyd's Register
Foundation

W183-0215