

Rpt. 5b.

## REPORT ON BOILERS.

WED. MAY. 14. 1913

No. 32676

Date of writing Report 2-5-1913 When handed in at Local Office

10-5-

10-5-

10-5-

Received at London Office

Port of Glasgow

No. in Reg. Book.

Survey held at

Ayr

Date, First Survey

7-3-13

Last Survey

2-5-

1913

on the

Donkey Boiler for S.S. MOTO

(Number of Visits 5) (Gross 1941 Net 1082)

Master

Purvis

Built at

Sunderland

By whom built

S.P. Austin &amp; Son Ltd

When built

1913

Boilers made at

Ayr

By whom made

Cochran &amp; Co

Ayr

When made

1913

Owners

The Pelton &amp; Co Ltd

(R.S. Gardiner &amp; J. Reay Mgrs)

Port belonging to

Newcastle

VERTICAL DONKEY BOILER— No. 6119 Description Cochran Pat<sup>d</sup> Manufacturers of steel Glasgow Iron & Steel Co.

Made at Ayr By whom made Cochran &amp; Co When made 1913 Where fixed Storehold Working pressure 100

tested by hydraulic pressure to 200 Date of test 2-5-13 No. of Certificate 12103 Fire grate area 26.75 Description of safety valves direct spring

No. of safety valves two Area of each 7.07 sq Pressure to which they are adjusted 103 If fitted with casing gear yes If steam from main boilers can

enter the donkey boiler no Dia. of donkey boiler 7-0 Length 15-0 Material of shell plates S Thickness 12-5 Range of tensile

strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes 29-32 Whether punched or drilled d Pitch of rivets 2-25

Lap of plating 4-2 Per centage of strength of joint Rivets 70-6 Working pressure of shell by rules 106 Thickness of shell crown plates 15-7

Radius of do. 3-6 No. of Stays to do. none Dia. of stays 1-0 Diameter of furnace Top 3-8 Bottom 3-8 Length of furnace 3-11 3/4

Thickness of furnace plates 12-32 Description of joint hemispherical R.R. Working pressure of furnace by rules 112 Thickness of furnace crown

plates 12-32 Radius of do. 3-0 Stayed by hemispherical Diameter of uptake 15 x 23 Thickness of uptake plates 7/16

Thickness of tubes Plate F 7/8 B 3/4

The foregoing is a correct description.

FOR COCHRAN &amp; CO, ANNAN, LTD. Manufacturer.

Dates During progress of work in shops— 1913. March 7-17-26. April 3. May 2.

of Survey During erection on board vessel— Jul 4-12

while building Total No. of visits 5 (7)

Is the approved plan of boiler forwarded herewith Yes 9195

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

The Material &amp; workmanship is good.

The boiler has been built under special survey.

Survey request form

No 817 attached

Sunderland.— The boiler has been satisfactorily fixed in the vessel and the safety valves adjusted as above. — both adjusting washers 5/16.

Survey Fee ... £ 2 : 2 :

When applied for

Monthly

Travelling Expenses (if any) £ :

When received

19

Committee's Minute

GLASGOW 13 MAY. 1913

Assigned Transmit to London

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

TUE. JUL. 22. 1913

Lloyd's Register  
Foundation

W847-0220