

REPORT ON BOILERS.

Abn. No. 12545.

No. 39566

WED. 28 JAN 1920

5b.

Received at London Office
Survey held at Amman When handed in at Local Office 26-1-1920 Port of Glasgow
No. in 23 July 20 Date, First Survey 24/10/19 Last Survey 22nd July 1920
on the Donkey Boiler No 8212, fitted in S.S. "LISBON" (Number of Visits 10)
Built at Aberdeen By whom built Hall Kuesd & Co No 644 When built 1920
By whom made Cochran & Co Amman Ltd When made 1920
Port belonging to Liverpool

VERTICAL DONKEY BOILER— No. 8212 Description Cochran Manufacturers of steel Glasgow Iron & Steel Co.
Made at Amman By whom made Cochran & Co. When made 1920 Where fixed on upper deck Working pressure 100
ed by hydraulic pressure to 200 Date of test 22/1/20 No. of Certificate 15048 Fire grate area 1675 sq ft Description of safety valves direct spring
of safety valves 2 Area of each 4.9 sq ft Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can
for the donkey boiler no Dia. of donkey boiler 5'-6" Length 12'-3" Material of shell plates Steel Thickness 7/16 x 1/2 Range of tensile
length 28/32 Descrip. of riveting long. seams Lap & R. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2 1/2
of plating 3 3/8 Per centage of strength of joint 69 Rivets 68 Working pressure of shell by rules 106 Thickness of shell crown plates 3/32 x 1/4
Diameter of do. 33 1/2 No. of Stays to do. ✓ Dia. of stays ✓ Diameter of furnace Top Radius Bottom 57" Length of furnace 39 1/2
Thickness of furnace plates 1/2 Description of joint Stitching Working pressure of furnace by rules 100 Thickness of furnace crown
plates 1/2 Radius of do. 28 1/2 Stayed by Sphere Diameter of uptake 13 x 19 1/2 Thickness of uptake plates 1/2
Thickness of tubes plates 7/16 23/32
B. 19/32

The foregoing is a correct description,
For COCHRAN & CO., AMMAN, LIMITED Manufacturer.

Dates { During progress of work in shops - 1919 Oct 24-31 Nov 14-21 28 Dec 5-19.
Survey while building { During erection on board vessel - 1920 Jan 9-16-22
Total No. of visits 10 Abn. 1920 Aug 24-25-24-30 Sept 15-21
Drawing No 8921
Is the approved plan of boiler forwarded herewith Yes

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

This boiler has been built under special survey.
The workmanship and materials are good

Survey request form

No C1664 attached

This Boiler has now been properly fitted on board the above named vessel and tried under steam with satisfactory results.
For recommendation of class, Please see Machinery Report No 12545. Abn. Record of 100 lbs. Working Pressure to be entered in the Register Book.

Ridley Howell.

Survey Fee ... £ 2 : 2 : } When applied for, 19
Travelling Expenses (if any) £ : : } When received, 19

MONTHLY ACCOUNT

Refer to Report.

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

Committee's Minute GLASGOW 27 JAN 1920

TUE. OCT. 26 1920

signed TRANSMIT TO LONDON



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