

-7 DEC 1920

pt. 5b.

REPORT ON BOILERS.

No. 45165

Received at London Office 18 NOV 1925

Date of writing Report 14th Nov 1925 When handed in at Local Office 16-11-25 10 Port of Glasgow
No. in Survey held at 14th Nov 1925 Date, First Survey 31st July 1925 Last Survey 13th Nov 1925
Reg. Book. M.V. "ARABIA" (Number of Visits 9) Gross Tons Net Tons
on the Cochran Boiler No 9131 for Stabilimento Tecnico Triestino for M.V. 744.
Master Built at Trieste By whom built Stabilimento Tecnico Triestino When built 1926.
Boilers made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd. When made 1925
Owners Maritime Italiana Port belonging to Genova.

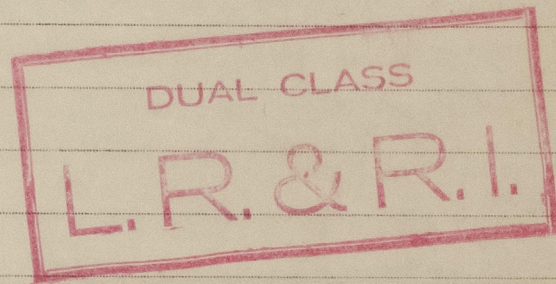
VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colvill & Sons Ltd.
Made at Annan By whom made Messrs Cochran & Co. Annan Ltd. When made 1925 Where fixed Engine Room Working pressure 100 lbs.
by hydraulic pressure to 2000 lb Date of test 13-11-25 No. of Certificate 6947 Fire grate area 575 sq Description of safety valves Spring loaded
safety valves 2 Area of each 1780 Pressure to which they are adjusted 100 lb/10 If fitted with easing gear Yes If steam from main boilers can
be donkey boiler Dia. of donkey boiler 3'-3" Length 9'-0" Material of shell plates Steel Thickness 3/8" 3/8" 3/8" Range of tensile
28/32 Descrip. of riveting long. seams DR LAP Dia. of rivet holes 23/32 Whether punched or drilled drilled Pitch of rivets 2.221"
plating 3/4" Per centage of strength of joint Rivets 80% Plates 66 1/2 Working pressure of shell by rules 165 lbs Thickness of shell crown plates 1/32"
of do. 2'-11 1/8" No. of Stays to do. none Dia. of stays Diameter of furnace Top 2'-7" Bottom 2'-9 1/2" Length of furnace 2'-11 3/4"
ss of furnace plates 7/16 9/16 Description of joint SR Lap Working pressure of furnace by rules Crown 235.7 lbs Side 162 lbs Side 159 lbs Thickness of furnace crown
1/2" Radius of do. 17 1/2" 14 1/2" Stayed by Hemisphere Diameter of uptake 7 1/2" x 11 1/2" Thickness of uptake plates 7/16"
ss of water tubes plates 1/2"

The foregoing is a correct description.
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
W. D. Gray

During progress of work in shops - 1925 July 31 Aug 4 14 Sep 24 Oct 2 16 23 30 Drawing No 14556 ✓
ey During erection on board vessel - Nov 13
Total No. of visits 9
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
way in accordance with the Rules and approved plan. Materials and
workmanship good. ✓

This boiler has been satisfactorily filled in house in accordance
with the Rule requirements. On completion it was examined under
steam at full working pressure and found satisfactory. The safety
valves have been adjusted under steam to lift at 100 lbs/10.



2-15-1.
y Fee ... £ ... When applied for, 19
ling Expenses (if any) £ ... When received, 19

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 17 NOV 1925
TRANSMIT TO LONDON

FRI. 10 DEC 1926

Lloyd's Register
FRI. 18 FEB 1927 TUES 18 JAN 1927

1920-847900-147900

REPORT ON BOILER

On Arabia



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Foundation