

REPORT ON BOILERS.

Std. No. 29318
Gls. No. 45905
-4 NOV. 1926

Received at London Office 20 AUG 1926
Date of writing Report 20 Aug 1926 When handed in at Local Office 20. 8. 1926 Port of Glasgow
No. in Survey held at Annan, Scotland Date, First Survey 27th May Last Survey 20th Aug 1926
eg. Book. on the Cochran Boiler No 10101 for the ~~Donkey~~ M. S. SILVER BEECH
Built at Sunderland By whom built Sir J. Laing & Co. Ltd. When built 1926
Boilers made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd. When made 1926
Boilers owned by Silver Line Ltd. Port belonging to London.

VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colvilles & Sons Ltd
Made at Annan By whom made Cochran & Co. Annan Ltd When made 1926 Where fixed by Ron Paton Working pressure 130 lbs
Tested by hydraulic pressure to 230 lbs Date of test 20/8/26 No. of Certificate 17194 Fire grate area 225 sq ft Description of safety valves Two spring loaded
No. of safety valves Two Area of each 4.9 sq in Pressure to which they are adjusted 125 lbs If fitted with easing gear Yes If steam from main boilers can
enter the donkey boiler Yes Dia. of donkey boiler 6'-6" Length 16'-3" Material of shell plates Steel Thickness 17/32, 15/32 Range of tensile 2.766, 2.823
Length 28'3 1/2" Descrip. of riveting long. seams D. R. L. & P. Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2.864
No. of plating 4 1/2 Per centage of strength of joint Rivets 41.5% Plates 64.2% Working pressure of shell by rules 124.5 lbs Thickness of shell crown plates 15/32, 15/16
Radius of do. 3'-3" No. of Stays to do. None Dia. of stays Diameter of furnace Top hemisphere Bottom 5'-6" Length of furnace 3'-7 1/2"
Thickness of furnace plates 9/16 Description of joint Seamless Ogee Ring Working pressure of furnace by rules 141 lbs Thickness of furnace crown
plates 9/16 Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15" x 22" Thickness of uptake plates 9/16
Thickness of water tube plates { Front 31/32 Back 7/8"
The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
W. O. Gray

Dates During progress of work in shops - 1926 May 22 June 2-25-30 July 8-16
Survey while building During erection on board vessel - Aug 6-13-20
Total No. of visits 9

Drawing No 15108

Copy 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 survey in accordance with the Rules and approved plan. Materials and workmanship good. This boiler has been satisfactorily fitted in the vessel & the safety valves adjusted under steam to the pressure stated above. For notation see machinery report. This boiler is fitted for burning oil fuel F. P. above 150°F & Section 35 of the Rules fully complied with.

Survey Fee ... £ 4 : 4 : } When applied for, 19
Travelling Expenses (if any) £ : : } When received, 19

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 24 AUG 1926
Assigned TRANSMIT TO LONDON

FRI. 5 NOV 1926

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