

## REPORT ON BOILERS.

No. 41123.

WED. 25 MAY. 1921

Received at London Office

Report 23 May 1921 When handed in at Local Office 23.5.21 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 18th March Last Survey 20th May 1921  
 on the Donkey Boiler No. 8647 m.v. Dalgoman (Number of Visits 10) Gross Tons Net  
 Built at Glasgow By whom built A. Stephen & Sons No 497 When built 1921  
 Made at Annan By whom made Cochran & Co. Annan Ltd When made 1921  
 Port belonging to Glasgow  
 British Indian S. S. Co.

**VERTICAL DONKEY BOILER** No. 8647 Description Cochran Manufacturers of steel David Colville & Sons  
 Made at Annan By whom made Cochran & Co When made 1921 Where fixed C. R. Working pressure 100  
 Tested by hydraulic pressure to 200 Date of test 20/5/21 No. of Certificate 15831 Fire grate area 16 1/4 ft Description of safety valves Spring loaded  
 of safety valves 2 Area of each 4.9 Pressure to which they are adjusted 105 If fitted with easing gear 700 If steam from main boilers can  
 on the donkey boiler ✓ Dia. of donkey boiler 5'-6" Length 13'-10" Material of shell plates Steel Thickness 7/16 - 1/2 Range of tensile 2695-42  
 Length 26 3/32 Descrip. of riveting long. seams Lap S.R. Dia. of rivet holes 25/32 Whether punched or drilled Drilled Pitch of rivets 2.55  
 of plating 3 7/8 Per centage of strength of joint Rivets 69 Working pressure of shell by rules 106 Thickness of shell crown plates 43/64 1 1/32  
 Radius of do. 33 in No. of Stays to do. None Dia. of stays ✓ Diameter of furnace, Top Radius Bottom 57 in Length of furnace 39 3/4 in  
 Thickness of furnace plates 1/2 43/64 Description of joint Riveted Ring Working pressure of furnace by rules 100 Thickness of furnace crown  
 plates 1/2 Radius of do. 28 1/2 inches Stayed by Skew sphere Diameter of uptake 13" x 1 1/2 Thickness of uptake plates 1/2  
 Thickness of water tube plates 7 23/32 B. 19/32  
 The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
 C. R. Colville

Dates During progress of work in shops - (921 Mar 18-23 Apr 1.8-15 22.29 May 6.13-20)  
 Survey while building During erection on board vessel - -  
 Total No. of visits 10.

Drawing No. 12426.

Is the approved plan of boiler forwarded herewith Yes

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

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

This Boiler has been satisfactorily fitted on  
 board the above vessel, and safety valves  
 adjusted under steam to 105 lbs.  
 See Gls Report No. H2799.

Jas Cairns

Survey Fee ... £ 4 : 4 : } When applied for, 10  
 Travelling Expenses (if any) £ : : } When received, 10

MONTHLY ACCOUNT

Committee's Minute

Assigned

TRANSMIT TO LONDON

GLASGOW

24 MAY 1921

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

GLASGOW

19 JUN 1923

See Gls. Rpt. No. 42795

TUE JUL 31 1923

Lloyd's Register  
Foundation

W313-0165