

REPORT ON BOILERS.

No. 41018

Writing Report 9th April 1921 When handed in at Local Office 9th April 1921 Port of Glasgow
 Survey held at Annan Date, First Survey 25th Feb - Last Survey 8th April 1921
 on the Donkey Boiler No. 8642. S/S Durenda (Number of Visits 7) Gross 7241 Tons Net 4450
 Built at Port Glasgow By whom built Robert Duncan & Co 349 When built 1922
 made at Annan By whom made Cochran & Co. Annan When made 1921
North British Steam Nav Co Port belonging to Glasgow

TICAL DONKEY BOILER - No. 8642 Description Cochran Manufacturers of steel Stewart & Lloyd
 at Annan By whom made Cochran & Co When made 1921 Where fixed Engine Room Working pressure 100
 by hydraulic pressure to 200 Date of test 8/4/21 No. of Certificate 15777 Fire grate area 94 sq ft Description of safety valves 2 direct spring
 safety valves 2 Area of each _____ Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can
 be donkey boiler _____ Dia. of donkey boiler 4'-3" Length 11'-0" Material of shell plates Steel Thickness 3/8 7/16 Range of tensile
28/32 Descrip. of riveting long. seams Lap. S.R. Dia. of rivet holes 23/32 Whether punched or drilled drilled Pitch of rivets 2-29
 plating 35/8 Per centage of strength of joint Rivets 80 Working pressure of shell by rules 107 Thickness of shell crown plates 9/16
 of do. 57/16 No. of Stays to do. 3 Gaskets Dia. of stays 3/4 x 3 1/2 Diameter of furnace Top 39 1/2 Bottom 45 Length of furnace 42
 of furnace plates 1/2 Description of joint Lap. S.R. Working pressure of furnace by rules 130 Thickness of furnace crown
1/2 Radius of do. 23 ins Stayed by Radius Diameter of uptake 9 1/4 x 15 3/4 Thickness of uptake plates 1/2
 of uptake tube plates 7 5/8
B 1/2

The foregoing is a correct description,
 For **COCHRAN & CO., ANNAN, LIMITED** Manufacturer.
G. Valley

During progress of work in shops - - 1921 Feb 25 Mar 4 11. 18. 23 Apr 1. 8
 During erection on board vessel - -
 Total No. of visits 7

Drawing No. 12277A.
 Is the approved plan of boiler forwarded herewith

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

The boiler has been built under special survey.
 The workmanship & materials are good.
 The boiler is to the order of the North British Diesel Coy. Cont No 27.

This boiler has been secured on board and its safety valves adjusted to 100 lbs. FV 13/32 AV 7/16

Survey Fee £ 4 : 4 : } When applied for monthly
 Travelling Expenses (if any) £ : : } When received Account

Committee's Minute GLASGOW. 12 APR 1921
 Signed _____ TRANSMIT TO LONDON

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

