

REPORT ON BOILERS.

No. 40832

Received at London Office

WED FEB 21 1921

Date of writing Report 29th Jan 1921 When handed in at Local Office 29th Jan 1921 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 12th Nov 1920 Last Survey 28th Jan 1921
 Reg. Book. 55206 on the Donkey Boiler No. 8627 on S.S. "BRIARPARK" (Number of Visits 11) Gross 1950 Tons Net 1780
 Master Built at Grangemouth By whom built Grangemouth Dockyard Co. Ld. (408) When built 1923
 Boilers made at Annan By whom made Cochran & Co. Annan Ltd When made 1921
 Owners Denholm Shipping Co. Ltd. (J. & J. Denholm Ltd.) Port belonging to Greenock

VERTICAL DONKEY BOILER— No. 8627 Description Cochran Manufacturers of steel Skewels & Lloyd
 Made at Annan By whom made Cochran & Co. When made 1921 Where fixed in Stoker hold Working pressure 100
 tested by hydraulic pressure to 200 Date of test 28/1/21 No. of Certificate 15684 Fire grate area 26³/₄ Description of safety valves double spring loaded.
 No. of safety valves two Area of each 7.07 Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates Steel Thickness 17/32 5/8 Range of tensile strength 28/32 Descrip. of riveting long. seams Lap. DR Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 3.03
 Lap of plating 4 1/2 Per centage of strength of joint Rivets 68.4 Plates 68.9 Working pressure of shell by rules 108 Thickness of shell crown plates 7/8 15/32
 Radius of do. 42 ins No. of Stays to do. none Dia. of stays Diameter of furnace Top Radius Bottom 72 ins Length of furnace 47 3/4 ins
 Thickness of furnace plates 17/32 7/8 Description of joint Riveted long Working pressure of furnace by rules 100 Thickness of furnace crown plates 17/32 Radius of do. 36 inches Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16
 Thickness of water tube plates 7 7/8 B. 3/4
 The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
 G. W. Watley.

Dates of Survey During progress of work in shops - 1920. Nov 12, 19, 25 Dec 3, 10, 17, 22 (1921) Jan 7, 14, 21, 28
 while board vessel -
 building
 Total No. of visits 11

Drawing no. 9695

Is the approved plan of boiler forwarded herewith Yes. ✓

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 Brown & Co. Ld. No 759.
 The boiler has now been satisfactorily fitted on board the vessel, and the safety valves adjusted under steam to the above stated pressure.

A. C. Forster,
 Glasgow 28/4/23

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

Committee's Minute

GLASGOW

1-FEB-1921

Assigned

TRANSMIT TO LONDON

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

GLASGOW

1-MAY-1923

See Gls. Rpt. No. 42664

012460-012472-0014