

REPORT ON BOILERS.

No. 41002

APR 26 1921

Received at London Office

Date of writing Report 4th April 21 When handed in at Local Office 4th Apr 1921 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 4th July Last Survey 1st April 1921
 Reg. Book. on the Donkey Boiler No 8643. 5th Dumbra. (Number of Visits 9) Gross Tons Net Tons
 Master Built at Bristol By whom built C. Hill & Sons When built
 Boilers made at Annan By whom made Cochran & Co. Annan Ltd When made 1921
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 8643 Description Cochran Manufacturers of steel Stewart & Lloyd's.
 Made at Annan. By whom made Cochran & Co When made 1921 Where fixed in Eng. room Working pressure 100
 Tested by hydraulic pressure to 200 Date of test 1/4/21 No. of Certificate 15765 Fire grate area 37^{sq} Description of safety valves Spring See 2nd Lt 9/10/20
 No. of safety valves 7 Area of each 3¹/₂ dia Pressure to which they are adjusted 100 lb. If fitted with easing gear yes If steam from main boilers can enter the donkey boiler
 Diameter of donkey boiler 8'-0" Length 16'-0" Material of shell plates Steel Thickness 1¹/₂" Range of tensile. 30200
 Strength 28/32 Descrip. of riveting long. seams Lap & R. Dia. of rivet holes 3/32 Whether punched or drilled drilled Pitch of rivets 3.0"
 Lap of plating 4³/₄ Per centage of strength of joint 69.4 Rivets 69.4 Working pressure of shell by rules 108 Thickness of shell crown plates 1¹/₂"
 Radius of do. 48 ins No. of Stays to do. none Dia. of stays Diameter of furnace Top Radius Bottom 84 ins Length of furnace 52 ins
 Thickness of furnace plates 5/8 Description of joint Riveted Ring Working pressure of furnace by rules 114 Thickness of furnace crown plates 5/8 Radius of do. 42 inches Stayed by Hemisphere Diameter of uptake 2¹/₂ x 25" Thickness of uptake plates 9/16
 Thickness of water tube plates 7 27/32 B. 3/4
 The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
G. Waller.

Dates of Survey while building
 During progress of work in shops - 1921 Feb 4, 11, 18, 25 Mar 4, 11, 18, 23 Apr 1
 During erection on board vessel - - -
 Total No. of visits 9

Drawing No. 12427 ✓

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 The North British Diesel Eng. Works

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

Committee's Minute

Assigned

GLASGOW.

-5 APR 1921

TRANSMIT TO LONDON

FRI. 13 OCT. 1922

See Rs

26-10-999

Lloyd's Register

Foundation

W 239 0030