

pt. 5b.

REPORT ON BOILERS.

No. 39592.

Date of writing Report 30 Jan'y 1920 When handed in at Local Office 31. 1. 1920 Port of Glasgow Received at London Office WED. FEB. 4 - 1920
 No. in Reg. Book. Survey held at Annan Date, First Survey 19/12/19 Last Survey 30 Jan'y 1920
 on the Donkey Boiler No 8108 (Number of Visits 5) Tons } Gross }
 } Net }
 Master _____ Built at _____ By whom built Smiths Dock Coy No 759 When built _____
 Boilers made at Annan By whom made Cochran & Co Annan Ltd When made 1920
 Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER No. 8108 Description Cochran Manufacturers of steel Stewart & Lloyd Ltd.
 Made at Annan By whom made Cochran & Co. When made 1920 Where fixed _____ Working pressure 100
 Tested by hydraulic pressure to 200 Date of test 30/1/20 No. of Certificate 15057 Fire grate area 37 sq ft Description of safety valves _____
 No. of safety valves _____ Area of each _____ Pressure to which they are adjusted _____ If fitted with easing gear _____ If steam from main boilers can enter the donkey boiler _____
 Dia. of donkey boiler 8'-0" Length 16'-6" Material of shell plates S Thickness 1 1/2" Range of tensile strength 28/32 Descrip. of riveting long. seams Lap. S. R Dia. of rivet holes 3/32 Whether punched or drilled drilled Pitch of rivets 3.04 in
 Cap of plating 4 3/4 Per centage of strength of joint Rivets 69.4 Working pressure of shell by rules 108 Thickness of shell crown plates 1 1/2"
 Radius of do. 48 in No. of Stays to do. wire Dia. of stays _____ Diameter of furnace Top Radius Bottom 7'-0" Length of furnace 52 in
 Thickness of furnace plates 1" 7/8 Description of joint Riveted Ring Working pressure of furnace by rules 114 Thickness of furnace crown plates 7/8 Radius of do. 42 in Stayed by Hemisphere Diameter of uptake 2 1/2 x 25 Thickness of uptake plates 9/16
 Thickness of water tubes plates A. 27/32 B. 3/4
 The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
G. Wally

Dates of Survey { During progress of work in shops - - } 1919. Dec 19. 1920 Jan 9. 16. 22. 30.
 { During erection on board vessel - - }
 while building { Total No. of visits 9.

Drawing No. 11138
 Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 This boiler has not been built under special survey the material however has been tested by one of the Society's Surveyors in accordance with the Rules.
 The boiler has been examined inside and outside the scankings checked and found to be in accordance with the Rules.
 The workmanship is good & the boiler efficient in every way.

Survey Report Form
 No 1648 attached

Survey Fee £ 2 : 2 : } When applied for, 19
 Travelling Expenses (if any) £ : : } When received, 19

MONTHLY ACCOUNT

Peter W. Hegor
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW** 8-FEB 1920
 Assigned TRANSMIT TO LONDON

TUE. SEP. *7 1920

