

REPORT ON BOILERS.

No. 32820.

Received at London Office WED. JUN. 11. 1913.

MON. MAR. - 9. 1914

Writing Report 6.6.13. When handed in at Local Office 7.6.13 Port of GLASGOW.
 in Survey held at Annan Date, First Survey 25.4.13. Last Survey 6.6.13
 Book. Steel Twin Sc 4 Mast. Sr. Fionia (Number of Visits 5) Gross 5218.59
 on the Donkey Boiler for Messrs. Burmeister & Wain, Copenhagen Tons Net 3337.35
 (Gard. No. 293.)
 Built at Copenhagen By whom built Burmeister & Wain When built 1913.
 made at Annan By whom made Cochran & Co. Annan Ltd. When made 1913.
 s. Akt. Det Østasiatiske Kompagni. Port belonging to Copenhagen.

TICAL DONKEY BOILER— No. 10994 Description Cross Tube Manufacturers of steel Glasgow Iron & Steel Co.
 at Annan By whom made Cochran & Co. When made 1913. Where fixed Working pressure 80
 by hydraulic pressure to 160 Date of test 6.6.13 No. of Certificate 2149 Fire grate area 19 Description of safety valves
 safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can
 the donkey boiler Dia. of donkey boiler 6'-0" Length 13'-0" Material of shell plates S Thickness 5/32 Range of tensile
 128-32 Descrip. of riveting long. seams d l. Dia. of rivet holes 27/32 Whether punched or drilled d Pitch of rivets 2.79
 plating 4 1/8 Per centage of strength of joint Rivets 42.17 Working pressure of shell by rules 109 Thickness of shell crown plates 19/32
 of do. 6'-6" No. of Stays to do. six Dia. of stays 2"-9 1/2 Diameter of furnace Top 56 1/4 Bottom 60 Length of furnace 2'-8" + 2'-11" + one row of stays.
 ess of furnace plates 5/8. Description of joint d l. Working pressure of furnace by rules 129 Thickness of furnace crown
 3/4 Radius of do. 6'-6" Stayed by uptake 6 stays Diameter of uptake 15 3/4 Thickness of uptake plates 1/2
 ess of water tubes 7/16.
 The foregoing is a correct description.
 FOR COCHRAN & CO. ANNAN, LIMITED.
 (Signed) Charles G. Munro Manufacturer.
 DIRECTOR.

During progress of work in shops - 1913. Apr 25. May 2. 9. 29. June 6.
 During erection on board vessel - -
 Total No. of visits 5.
 Is the approved plan of boiler forwarded herewith No. 9345.

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

The material and workmanship is good.
 The Boiler has been built under special survey
 survey request form
 No. C896. attached.

Survey Fee ... £ 2 : 2 : } When applied for, monthly 1913
 Travelling Expenses (if any) £ : : } When received, 19

(Signed) John. H. Keet
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 TUE. MAR. 10. 1914

Committee's Minute Glasgow. 10. JUN. 1913.
 signed Transmitted to London.