

REPORT ON BOILERS.

No. 4880.

Received at London Office TUE - 1 FEB. 1916

Writing Report 20th January 1916 When handed in at Local Office 19 Port of Copenhagen
 in Survey held at Copenhagen Date, First Survey 16th June Last Survey 17th Decr. 1915.
 64 on the Steel Twin Sc. 4 Mst. Sr. "Chile" (Yard No. 303) (Number of Visits 10) Gross 5569.94
 Tons Net 3490.49
 F. Grue Built at Copenhagen By whom built Akt. Burmeister & Wain When built 1915.
 made at Copenhagen By whom made Akt. Burmeister & Wain When made 1915.
 Akt. Det Østasiatiska Kompagni Port belonging to Copenhagen.

TICAL DONKEY BOILER No. One Description Cross tubes (3 off) Manufacturers of steel Phoenix & Co. Ltd. & The Clyde Bridge Steel Co. Ltd.
 at Copenhagen By whom made Akt. Burmeister & Wain When made 1915 Where fixed In engine room Working pressure 100 lbs.
 by hydraulic pressure to 200 lbs. Date of test 8th Octr. 15 No. of Certificate 356 Fire grate area 12.15 Description of safety valves Direct spring loaded
 safety valves 2 off Area of each 2.4 Pressure to which they are adjusted 100 lbs. If fitted with easing gear yes If steam from main boilers can
 be donkey boiler no Dia. of donkey boiler 4' 6 5/16" Length 10' 6" Material of shell plates S. 4. Steel Thickness 3/8" = 0.375" Range of tensile
28/52 Descrip. of riveting long. seams double riveted lap Dia. of rivet holes 1 7/8" = 3/4" Whether punched or drilled drilled Pitch of rivets 62 3/4" = 2 3/4"
 plating 3/8" = 0.375" Per centage of strength of joint 75.5 Rivets 69.3 Plates 69.3 Working pressure of shell by rules 112.5 lbs. Thickness of shell crown plates 22 3/4" = 7/8"
 of do. plan No. of Stays to do. 4 Dia. of stays 2 1/8" Diameter of furnace Top 10 3/8" = 39 3/8" Bottom 21 3/4" = 49 1/4" Length of furnace 16 5/8" = 63.2"
 ss of furnace plates 3/8" = 0.375" Description of joint double riveted lap Working pressure of furnace by rules 100.5 lbs. Thickness of furnace crown
4 3/4" = 0.552" Radius of do. plan Stayed by stays & uptake Diameter of uptake 3 3/8" = 14.32" Thickness of uptake plates 12 3/4" = 0.492"
 ss of water tubes 10 3/4" = 0.394"

The foregoing is a correct description,

AKTIESELSKABET
BURMEISTER & WAIN MASHIN- OG SKIFTEVÆRKT Manufacturer.

During progress of work in shops - - 16 - 23 June, 8, 13 & 21 July, 2 August, 24 & 29 September, 8 October, 17 December 1915.
 During erection on board vessel - - 10
 Total No. of visits 10
 Is the approved plan of boiler forwarded herewith yes.

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

boiler has been built under Special Survey in accordance with the
 approved plan and letter E dated 20th January 1915.
 the workmanship and material are of good quality and in accordance
 with the Rule requirements.

Survey Fee £ 36 : 27 : } When applied for, 12. 1. 19 16.
 Travelling Expenses (if any) £ : : } When received, 18. 1. 19 16.
 (incl. in book Rpt.)

A. O. F. J. J. J.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

FRI. FEB. 4 - 1916

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 K155-016