

REPORT ON BOILERS.

Mdb Rpt. No 9147

REC'D - 1 DEC 1915 909H.

WED. 6 - OCT. 1915

Received at London Office

Writing Report 19 When handed in at Local Office 4.10.15¹⁰ Port of Middlesbrough
 Survey held at Stockton-on-Tees Date, First Survey March 9 Last Survey Sept. 28 1915
 on the S.S. "Avonwood" (Number of Visits 8) Tons {Gross
 Net
 Built at Middlesbrough By whom built W. Harkness & Son Ltd When built
 made at Stockton By whom made Messrs T. Hudson & Co Ltd. (No. 3654) When made 1915
R.A. Constantine & J.W. Donkin Port belonging to Middlesbrough

TICAL DONKEY BOILER— No. om Description Vertical 3 corr tubes manufacturers of steel John Spencer & Sons
Stockton By whom made Messrs T. Hudson & Co When made 1915 Where fixed Stokehold Working pressure 100
 hydraulic pressure to 200 Date of test 28.9.15 No. of Certificate 5566 Fire grate area 21½ Description of safety valves Direct spring
 safety valves 1 Area of each 11 Pressure to which they are adjusted 100 If fitted with easing gear yes If steam from main boilers can
 the donkey boiler No Dia. of donkey boiler 6'-0" Length 12'-6" Material of shell plates steel Thickness 5/8" Range of tensile
29-33 Descrip. of riveting long. seams 3 Riv. Lap Dia. of rivet holes 15/16" Whether punched or drilled drilled Pitch of rivets 3 3/4"
 plating 6 1/2" Per centage of strength of joint Rivets 75.7 Working pressure of shell by rules 125 Thickness of shell crown plates 1 1/2"
 of do. 5'-9" No. of Stays to do. 5 Dia. of stays 2 1/2" Diameter of furnace Top 4'-9 1/2" Bottom 5'-4 3/8" Length of furnace 5'-2"
 ss of furnace plates 5/8" Description of joint L. Lap Working pressure of furnace by rules 102 Thickness of furnace crown
2 1/2" Radius of do. 5'-9" Stayed by as shell crown Diameter of uptake 14 1/2" Thickness of uptake plates 7/8"
 ss of water tubes 3/8" SURVEY REQUEST The foregoing is a correct description,
 No. 1112 ATTACHED. THOMAS HUDSON & CO. LIMITED. Manufacturer.

During progress of work in shops - - 1915 Mar 9. Jun 1. 10. Aug 27. Sep 2. 13. 21. 28.
 During erection on board vessel - - 8.
 Total No. of visits 8. Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
This boiler has been built under Special Survey: is of good material and
workmanship and on completion was tested by hydraulic pressure with satisfactory
results. The boiler is to be fitted on board at this port.
This boiler has now been fitted and secured on board in
accordance with the Rules and its safety valve adjusted
under steam.

Survey Fee ... £ 2-2-0 When applied for Monthly A/c.
 Travelling Expenses (if any) £ ✓ When received, ... 1915

Committee's Minute signed
 FRI.-3 DEC. 1915
 Wm Morrison & L. Kerr
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 Lloyd's Register
 W553-0046