

REPORT ON BOILERS.

No. 63285

SAT. NOV. 16. 1912

Writing Report 13th Nov. 1912 When handed in at Local Office NOV 16 1912 Port of Newcastle

Survey held at Gateshead Date, First Survey 22nd Jan 1912 Last Survey 12th Nov 1912 (at Newcastle)
 on the Donkey Boiler for Bulmeester & Wain 3/s 287
 Built at Gateshead By whom built Clarke Chapman & Co 225-9 E. When made 1912
 made at Gateshead By whom made Clarke Chapman & Co 225-9 E. When made 1912
 Port belonging to

TICAL DONKEY BOILER— No. 1 Description Cross. tube Manufacturers of steel J. Spencer & Sons
 at Gateshead By whom made Clarke Chapman & Co When made 1912 Where fixed Working pressure 80 lbs
 by hydraulic pressure to 160 lbs Date of test 12-11-12 No. of Certificate 8409 Fire grate area 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
 be donkey boiler Dia. of donkey boiler 4'-3" Length 9'-0" Material of shell plates Steel Thickness 3/8" Range of tensile
 28-32 Descrip. of riveting long. seams S. Lap Dia. of rivet holes 3/4" Whether punched or drilled drilled Pitch of rivets 2 3/4"
 plating 3 5/8" Per centage of strength of joint Rivets 72.5 Working pressure of shell by rules 116 lbs Thickness of shell crown plates 1/2"
 of do. 5'-0" No. of stays to do. 3 Dia. of stays 1 1/2" Diameter of furnace Top 3'-2 3/4" Bottom 3'-7" Length of furnace 4'-0"
 of furnace plates 7/16 Description of joint S. Lap Working pressure of furnace by rules 102 lbs Thickness of furnace crown
 7/16 Radius of do. 5'-0" Stayed by as above Diameter of uptake 12" Thickness of uptake plates 3/8"
 of water tubes 3/8"

The foregoing is a correct description.
 For CLARKE, CHAPMAN & Co. LTD.
 W. Woodward Director.

During progress of work in shops - 1912 June. 22. July. 5. 12. 26. Aug. 1. 13. 26. Sep. 26. 27. Nov. 12
 During erection on board vessel - - -
 Total No. of visits 10 +

Is the approved plan of boiler forwarded herewith No
 Forwarded with Boiler 225-9 E. Report 62917

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This donkey boiler has
 been constructed under special survey and the materials and
 workmanship are found to be good.

Survey Fee ... £2 2 0 When applied for Monthly &c.
 Travelling Expenses (if any) £ : : When received 19

Thomas Field
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping

Committee's Minute
 Assigned

TUE 16 DEC 1913

See Minute
 on Cpn Rpt
 3840



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 Foundation