

REPORT ON BOILERS.

Mab. Rpt. No 9199
No. 9063

Received at London Office FRI. 10. SEP. 1915
Date of writing Report 19 When handed in at Local Office 9/9/15 Port of Middlesbrough
No. in Survey held at Darlington Date, First Survey March 12. Last Survey Aug. 30 1915
Reg. Book. on the Donkey Boiler No. 3279; S.S. Maplewood (Number of Visits 14.) Gross Tons Net
Master Donkey Built at Stockton By whom built Ropner Bros. Ltd. (SS No. 503) When built
Boilers made at Darlington By whom made Blake Boiler, Wagon & Eng. Co. Ltd. When made 1915
Owners Port belonging to

VERTICAL DONKEY BOILER— No. One Description Blake Patent Manufacturers of steel J. Spencer Horsham
Made at Darlington By whom made Blake Boiler, W. & E. Co. Ltd. When made 1915 Where fixed Strucked Working pressure 120 lbs.
Tested by hydraulic pressure to 240 Date of test 30. 8. 15 No. of Certificate 5550 Fire grate area 32 sq Description of safety valves Direct spring
No. of safety valves 2 Area of each 7.07 Pressure to which they are adjusted 125 If fitted with easing gear yes If steam from main boilers can
Enter the donkey boiler no Dia. of donkey boiler 8'-0" Length 18'-0" Material of shell plates Steel Thickness 23/32 Range of tensile
Strength 28-32 Descrip. of riveting long. seams J.R. Lap Dia. of rivet holes 15/16 Whether punched or drilled Drilled Pitch of rivets 3 3/4
Gap of plating 6 3/8 Per centage of strength of joint Rivets 65.26 Plates 75 Working pressure of shell by rules 132 lbs Thickness of shell crown plates 3/32
Radius of do. 3'-10 1/16 No. of Stays to do. 2 Dia. of stays 15 x 3/4 Diameter of furnace Top 4'-0" Bottom 6'-6" Length of furnace 4'-4"
Thickness of furnace plates 1/6 Description of joint Welded Working pressure of furnace by rules 123 lbs Thickness of furnace crown
plates Top 3/4 Radius of do. 4'-0" Stayed by 2 plate stays Diameter of uptake tubes 2 3/4 Thickness of uptake plates Front 1/16
Back 1/32
Thickness of water tubes 4 1/4 Vert. 4.9 Diag.
SURVEY REQUEST NO. 1142 ATTACHED.
FOR AND ON BEHALF OF THE BLAKE BOILER, WAGON & ENGINEERING CO. LIMITED.
Robert Blake Manufacturer.

Dates During progress of work in shops - 9/15 Mar 12. 25. Apr 9. 19. Jun 4. 16. 25. Jul 7. 16. 24. Aug 6. 20. 27. 30.
During erection on board vessel -
while building
Total No. of visits 14. Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
This boiler has been constructed under Special Survey, is of good material and workmanship, and has been tested by hydraulic pressure with satisfactory results.
This boiler has now been satisfactorily secured on board, examined under steam and safety valves adjusted.
Wm Morrison
6.10.15

Survey Fee ... £ 2 : 2 : When applied for, Monthly etc.
Travelling Expenses (if any) £ : 13 : When received, 19

Committee's Minute FRI. 22. OCT. 1915
Assigned