

REPORT ON BOILERS.

Newcastle-on-Tyne

56902

No. 5660

Received at London Office

FRI 15 JAN 1909
FRI 25 JUN 1909

Date of writing Report 1908 When handed in at Local Office 14.1.1909 Port of MIDDLESBROUGH-ON-TEES
No. in Survey held at Stockton Date, First Survey 14.1.1908 Last Survey 14.1.1909
S.S. "ESPAGNE" S.S. No. 41
Built at Antwerp By whom built Antwerp & B. Co When built 1907
Boilers made at Stockton By whom made Messrs Thos Sudron & Co Lim (No 2421) When made
Owners A. Gappe Port belonging to Antwerp

VERTICAL DONKEY BOILER— No. one Description Vert 5 brass tubes Manufacturers of steel J. Spencer & Sons
Made at Stockton By whom made Thos Sudron & Co Lim When made 1908 Where fixed Stockport Working pressure 100
Tested by hydraulic pressure to 200 Date of test 29-12-08 No. of Certificate 4218 Fire grate area 28 1/4 Description of safety valves direct spring
No. of safety valves 2 Area of each 5.74 Pressure to which they are adjusted 100 lbs If fitted with easing gear No If steam from main boilers can
Enter the donkey boiler no Dia. of donkey boiler 7'-0" Length 14'-6" Material of shell plates steel Thickness 15/32" Range of tensile
Strength 28-32 Descrip. of riveting long. seams 3 Riv lap Dia. of rivet holes 13/16" Whether punched or drilled drilled Pitch of rivets 3 1/4"
Gap of plating 5 7/8" Per centage of strength of joint Rivets 87 Plates 75 Working pressure of shell by rules 101 Thickness of shell crown plates 5/8"
Radius of do. 5'-9" No. of Stays to do. 6 Dia. of stays 1 1/2" Diameter of furnace Top 5'-11 1/4" Bottom 6'-3" Length of furnace 5'-11"
Thickness of furnace plates 23/32 Description of joint Lap Single Working pressure of furnace by rules 100 Thickness of furnace crown
plates 3/4" Radius of do. 5'-9" Stayed by as shell crown Diameter of uptake 16" Thickness of uptake plates 7/16"
Thickness of water tubes 3/8"

The foregoing is a correct description,
THOMAS SUDRON & CO LIMITED. T. Johnston Manufacturer.

Dates During progress of work in shops - - 1908 Nov. 19-24-26-30 Dec. 2-4-8-10-14-16-18-21-23-29 1909 Jan. 11-14
Survey while building During erection on board vessel - - See machy report
Total No. of visits 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 in accordance with the Rules and approved plan. The materials and workmanship are sound and good. The boiler has been tested by hydraulic pressure & found satisfactory. The boiler is to be forwarded to Messrs Thos H. B. Marine Eng. Co Wallaseed-on-Tyne. The boiler has been fitted on board the S.S. "Portugal" in accordance with the Rules.

Survey Fee ... £ 2 : 2 : 0 When applied for
Travelling Expenses (if any) £ ✓ : : When received

W. Morrison Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUES. 29 JUN 1909

Committee's Minute
Assigned

