

REPORT ON BOILERS.

No. 2634⁶

Received at London Office

JUN 22 JUN 1908

Date of writing Report 19th June 1908 When handed in at Local Office

Port of Havre

No. in Survey held at

Havre.

Date, First Survey

July 1907

Last Survey

18th June 1908

Safety Reg. Book. 101. on the Steel Screw Steamer "Mayenne"

(Number of Visits 20.)

Gross 2456.47

Net 1529.82

Master J. Boju. Built at Havre. By whom built Forges & Chantiers When built 1908.

Engines made at Havre By whom made Forges & Chantiers when made 1908.

Boilers made at Havre By whom made Forges & Chantiers when made 1908.

Indicated Registered Horse Power 1350. Owners C^o d'Origny & Faustin, Capelle & Co. Port belonging to La Rochelle.MULTITUBULAR BOILERS ~~MAIN, AUXILIARY OR~~ DONKEY. — Manufacturers of Steel Denain-Auzin-Schultz-Knaut

(Letter for record (S) Total Heating Surface of Boilers 556 Square feet Is forced draft fitted No. No. and Description of

Boilers on Cylindrical Horizontally Working Pressure 100th Tested by hydraulic pressure to 185th Date of test 20-3-08

No. of Certificate 65 Can each boiler be worked separately Area of fire grate in each boiler 27 sq. feet No. and Description of

safety valves to each boiler (2) two with springs. Area of each valve 1.92 Pressure to which they are adjusted 100th

Are they fitted with easing gear Yes. In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler No can enter

Smallest distance between boilers or uptakes and bunkers or woodwork 24" Mean dia. of boilers 8' 11" 5/8 Length 8' 5" 1/4

Material of shell plates Steel Thickness 5/8" Range of tensile strength 27 to 29 Are the shell plates welded or flanged flanged.

Descrip. of riveting: cir. seams double long. seams double zig-zag Diameter of rivet holes in long. seams 1" 3/32 Pitch of rivets 4"

Lap of plates or width of butt straps 6 3/4 Per centages of strength of longitudinal joint rivets 75. Working pressure of shell by

rules 145th Size of manhole in shell 15 3/4 x 11 3/8 Size of compensating ring 33 1/2 - 1 1/2 thick No. and Description of Furnaces in each

boiler 2 plain Material Steel Outside diameter 32 9/16 Length of plain part top 75" Thickness of plates crown 1 7/32

Description of longitudinal joint Lap welded No. of strengthening rings on Working pressure of furnace by the rules 145th Combustion chamber

plates: Material Steel Thickness: Sides 9/16 Back 9/16 Top 9/16 Bottom 9/16 Pitch of stays to ditto: Sides 2 3/8 Back 2 1/8

Top 6 3/8 If stays are fitted with nuts or riveted heads all nutted Working pressure by rules 145th Material of stays Steel Diameter atsmallest part 1 3/32 Area supported by each stay 60" Working pressure by rules 140th End plates in steam space: Material Steel Thickness 5/8Pitch of stays 13 1/8 How are stays secured doub. nutted Working pressure by rules 140th Material of stays Steel Diameter at smallest part 1 3/32Area supported by each stay 88" Working pressure by rules 140th Material of Front plates at bottom Steel Thickness 3 5/32 Material of

Lower back plate Steel Thickness 2 5/32 Greatest pitch of stays Working pressure of plate by rules Diameter of tubes 3 1/2

Pitch of tubes 4 3/4 Material of tube plates Steel Thickness: Front 2 5/32 Back 2 5/32 Mean pitch of stays 10" Pitch across wide

water spaces 1 1/4 Working pressures by rules 130th Girders to Chamber tops: Material Steel Depth and thickness of

girder at centre 4 3/16 - 5/8 Length as per rule 19 1/4 Distance apart 10 5/8 Number and pitch of Stays in each 2 - 6 3/8

Working pressure by rules 145th Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked

separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet

holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

If stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

M^r LE DIRECTEUR DE L'EXPLOITATION

Edm Lavoisier

The foregoing is a correct description,

Manufacturer.

Dates of Survey During progress of work in shops - 1907 - July 5 - Nov. 22, 1908 Jan 15, 21, 27 Feb. 10 Is the approved plan of boiler forwarded herewith Yes -

while building During erection on board vessel - April 2, 3, 6, 16, May 9, 12, 14, 15, June 11, 18 Total No. of visits 20. - Twenty

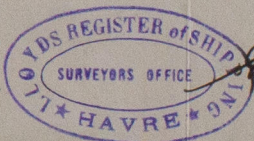
GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. as per Secretary Letter (E.) 10th November 1906.

This donkey-boiler has been built under special survey, the materials used were in Siemens-Martin Steel, & tested in accordance with Rules requirements & found in good & malleable quality.

The construction of the boiler is, in my opinion in good and safe working condition, and submitted for the consideration of the Committee

Survey Fee ... £ 52.40 : When applied for, 18th June 1908

Travelling Expenses (if any) £ 6.25 : When received, 23-6-08

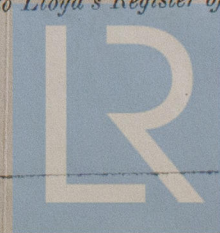


Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUES. 23 JUN 1908

Committee's Minute

Assigned



© 2020

Lloyd's Register Foundation

W918-012