

REPORT ON BOILERS

No. 903.

FRI. AUG. 12 1921

Received at London Office

Date of writing Report 3-8-1921 When handed in at Local Office

Port of Cadiz

No. in Survey held at Cadiz

Date, First Survey 30-5-21. Last Survey 3-8-1921

Reg. Book. 19244 on the S.S. "CASTELU"

(Number of Visits) Tons } Gross

Net

Master J. FUFUENTE. Built at Cadiz By whom built Schwartze & Lauringja When built 1921

Engines made at Brunswick By whom made John S. Kincaid & Co. Ltd. When made 1921

Boilers made at Glasgow By whom made Barclay Curle & Co. When made 1920

Registered Horse Power 2000. Owners Compania Naviera "BERMEO" Port belonging to San Sebastian

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel

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

Working Pressure Tested by hydraulic pressure to Date of test

No. of Certificate Can each boiler be worked separately Area of fire grate in each boiler No. and Description of safety valves to each boiler

Area of each valve Pressure to which they are adjusted

Are they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers Length

Material of shell plates Thickness Range of tensile strength Are the shell plates welded or flanged

Descrip. of riveting: cir. seams long. seams Diameter of rivet holes in long. seams

Lap of plates or width of butt straps Safety Valves. Thickness of adjusting washers. Per centages of strength of longitudinal joint

rules Size of manhole in shell Size of compensating ring. No. and Description of Furnaces in each boiler

Material Outside diameter Length of plain part Thickness of plates

Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber

plates: Material Thickness: Sides Back Working pressure of furnace by the rules Material of stays Area at

Top If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Area at

smallest part Area supported by each stay Working pressure by rules End plates in steam space: Material Thickness

Pitch of stays How are stays secured Working pressure by rules Material of stays Area at smallest part

Area supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of

Lower back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes

Pitch of tubes Material of tube plates Thickness: Front Back Mean pitch of stays Pitch across wide

water spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of

girder at centre Length as per rule Distance apart Number and pitch of Stays in each

Working pressure by rules Steam dome: description of joint to shell % of strength of joint

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

Pitch of rivets Working pressure of shell by rules Crown plates Thickness How stayed

UPPERHEATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to

Date of Test Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

Diameter of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted

The foregoing is a correct description,

Manufacturer.

Dates of Survey } During progress of work in shops - - } while } During erection on board vessel - - }

Is the approved plan of boiler forwarded herewith

Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

Survey Fee ... £ : : } When applied for, 19... Travelling Expenses (if any) £ : : } When received, 19...

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 23 AUG. 1921

Assigned

See 76. rpt on mchy.



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