

REPORT ON BOILERS.

No. 7023.

Received at London Office 28 FEB 1927

Date of writing Report 16th Feb. 1927 When handed in at Local Office 16th Feb. 1927 Port of BilbaoNo. in Survey held at Bilbao Date, First Survey 15th Oct. 1926 Last Survey 26th Jan 1927

on the M.V. "CABO PAJOS" (Number of Visits 4) Gross 6,342 Tons Net 3,798

Built at Bilbao By whom built Cia. Industrial de Constr. y Rep. Yard No. 73 When built 1926-27

Engines made at Augsburg By whom made Masf. Augsburg. Mumburg Engine No. 26040 When made 1926

Boilers made at Amiens By whom made Vellut & Lesne Boiler No. 2443 When made 1926

Owners Ybema y Cia. Port belonging to Seville

VERTICAL DONKEY BOILER.

Made at Amiens By whom made Vellut & Lesne Boiler No. 2443 When made 1926 Where fixed Engine room

Manufacturers of Steel

Total Heating Surface of Boiler Is forced draught fitted No Coal or Oil fired Oil

No. and Description of Boilers One vertical cross-tube boiler for steam heating Working pressure 6 kgs/cm²

Tested by hydraulic pressure to Date of test No. of Certificate

Area of Firegrate in each Boiler No. and Description of safety valves to each boiler Two direct spring loaded

Area of each set of valves per boiler per rule 38.7 in dia as fitted 40 in Pressure to which they are adjusted 6 kgs/cm² Are they fitted with easing gear Yes

State whether steam from main boilers can enter the donkey boiler Smallest distance between boiler or uptake and bunkers

Woodwork Is oil fuel carried in the double bottom under boiler No Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated Largest internal dia. of boiler Height

Shell plates: Material Tensile strength Thickness

Are the shell plates welded or flanged Description of riveting: circ. seams end inter. long. seams

Dia. of rivet holes in circ. seams Pitch of rivets Percentage of strength of circ. seams plate rivets of Longitudinal joint plate rivets combined

Working pressure of shell by rules Thickness of butt straps outer inner

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat Material

Tensile strength Thickness Radius Working pressure by rules

Description of Furnace: Plain, spherical, or dished crown Material Tensile strength

Thickness External diameter top bottom Length as per rule Working pressure by rules

Pitch of support stays circumferentially and vertically Are stays fitted with nuts or riveted over

Diameter of stays over thread Radius of spherical or dished furnace crown Working pressure by rule

Thickness of Ogee Ring Diameter as per rule Working pressure by rule

Combustion Chamber: Material Tensile strength Thickness of top plate

Radius if dished Working pressure by rule Thickness of back plate Diameter if circular

Length as per rule Pitch of stays Are stays fitted with nuts or riveted over

Diameter of stays over thread Working pressure of back plate by rules

Tube Plates: Material front back Tensile strength Thickness Mean pitch of stay tubes in nests

If comprising shell, Dia. as per rule front back Pitch in outer vertical rows Dia. of tube holes FRONT stay plain BACK stay plain

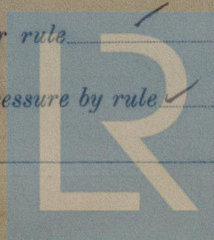
Is each alternate tube in outer vertical rows a stay tube Working pressure by rules front back

Girders to combustion chamber tops: Material Tensile strength

Depth and thickness of girder at centre Length as per rule

Distance apart No. and pitch of stays in each Working pressure by rule

4620-0294



© 2020

Lloyd's Register Foundation

REPORT ON BOILERS

Crown stays: Material ☒ Tensile strength ☒ Diameter { at body of stay ☒ or over threads ☒ No. of threads per inch ☒ Area supported by each stay ☒ Working pressure by rules ☒

Screw stays: Material ☒ Tensile strength ☒ Diameter { at turned off part ☒ or over threads ☒ No. of threads per inch ☒ Area supported by each stay ☒ Working pressure by rules ☒ Are the stays drilled at the outer ends ☒

Tubes: Material ☒ External diameter { plain ☒ stay ☒ Thickness { ☒ No. of threads per inch ☒ Pitch of tubes ☒ Working pressure by rules ☒

Manhole Compensation: Size of opening in shell plate ☒ Section of compensating ring ☒ No. of rivets and diameter of rivet holes ☒ Outer row rivet pitch at ends ☒ Depth of flange if manhole flanged ☒

Uptake: External diameter ☒ Thickness of uptake plate ☒

Cross Tubes: No. ☒ External diameters { ☒ Thickness of plates ☒

Have all the requirements of Sections 14 to 23 inclusive for boilers been complied with ☒

The foregoing is a correct description,

Manufacturer

Dates of Survey { During progress of work in shops - ☒ 1926 1927
while building { During erection on board vessel - ☒ Oct 10, Jan 4, 19, 26

Is the approved plan of boiler forwarded herewith ☒ 3-2-26
(If not state date of approval.)

Total No. of visits 1

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

This Dumbly Boiler (see also Paris Report N° 21, forwarded herewith) has been satisfactorily fitted on board this vessel in accordance with the Rules and Regulations, the steam pipes have been tested to 12 lbs/cm², and its safety valves adjusted under steam as above. Boiler examined under steam and in good order.

Survey Fee £ ☒ : When applied for, 22/2/ 19 27
Travelling Expenses (if any) £ ☒ : When received, 22/2/ 19 27. D.B. FEES INCLUDED ON ARCHIVED REPORT.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

FRI. 18 MAR 1927

TUES. 14 JUN 1927

FRI. 19 AUG 1927

TUES. 13 SEP 1927

TUES. 17 JAN 1928

FRI. 9 DEC 1927

FRI. 21 SEP 1928

TUE. 18 DEC 1928

© 2020

Lloyd's Register Foundation