

REPORT ON BOILERS.

No. 4972

Received at London Office

WED

Date of writing Report May 22nd. 1920 When handed in at Local Office191 Port of Hong KongNo. in Survey held at Hong KongDate, First Survey Jan. 19th. Last Survey May 19th. 1920

Reg. Book.

(Number of Visits 4) Gross 1221Tons Net 114103118 on the Steel Twin Screw Vessel "LIMBURG"Master ZeylemakerBuilt at AmsterdamBy whom built Nederl. Scheps. MaatsWhen built 1909Engines made at StockholmBy whom made J. & C. G. BolinderWhen made 1917Boilers made at SunderlandBy whom made Mascel & PollockWhen made 1917Registered Horse Power 640Owners Nederl. Indische Tankstoomboot Maats
(Bataafsche Petroleum Maats Mgrs.) Port belonging to Batavia

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

(Letter for record -) Total Heating Surface of Boilers - Is forced draft fitted No No. and Description of SunderlandBoilers One Cyl. Multi. Boiler Working Pressure 180 lbs Tested by hydraulic pressure to 360 lbs Date of test 16-11-17

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 Two 2½" Spring loaded Area of each valve 4.9 sq" Pressure to which they are adjusted 125 lbs.Are they fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler -Smallest distance between ~~boilers~~ or uptakes and ~~bulkheads~~ or woodwork 3 feet 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 - Pitch of rivets -

Lap of plates or width of butt straps - Per centages of strength of longitudinal joint plate Working pressure of shell by

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 top Thickness of plates crown

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

plates: Material - Thickness: Sides - Back - Top - Bottom - Pitch of stays to ditto: Sides - Back -

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

The foregoing is a correct description,

Manufacturer.

Dates of Survey { During progress of work in shops - - }
while building { During erection on board vessel - - }1920 Jan. 19th. to May 19th.Is the approved plan of boiler forwarded herewith NoTotal No. of visits 4

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

The above boiler has been fitted to my satisfaction on board the Twin Screw Vessel "LIMBURG", fitted with oil fuel F.P. above 150° F. and safety valves adjusted satisfactorily.

Boiler Marked :-

No. 3448
LLOYD'S TEST
360 lbs.
16-11-17
L.C.D.

Survey Fee £ ----- : When applied for, 191

Travelling Expenses (if any) £ : : When received, 191

Committee's Minute

Assigned

FRI JUL 30 1920

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

TUE SEP. 21 1920

FRI. 4 MAR. 1921

FRI. 8 SEP. 1921

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