

REPORT ON BOILERS.

No. 11241
WED. JUN. 21 1920

Received at London Office

Report 15 May 1920 When handed in at Local Office

Port of Rotterdam

Survey held at Rotterdam

Date, First Survey December 16 1919 Last Survey 15 May 1920

Name of the vessel Steel Screw Steamer "Lombardis" (Number of Visits 6) Tons Gross Net

Built at Harwich By whom built Welf Heeland When built 1920

At Rotterdam By whom made Winton & Sons When made 1920

At SV By whom made SV When made 1920

Engine Power < Owners Svenner Lloyd Port belonging to Gøteborg

TUBULAR BOILERS - MAIN, AUXILIARY OR DONKEY. - Manufacturers of Steel Beardmore

Total Heating Surface of Boilers 900 sq ft Is forced draft fitted < No. and Description of

Boilers 2 mounted main str. Working Pressure 100 lb. Tested by hydraulic pressure to 200 lb. Date of test 5/3/20

Can each boiler be worked separately < Area of fire grate in each boiler 32 sq ft No. and Description of

to each boiler 2 square bar iron Area of each valve 11.045 sq in Pressure to which they are adjusted 100 lb

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler <

Space between boilers or uptakes and bunkers or woodwork 12 in Mean dia. of boilers 10 - 1/4 in Length 10 ft

Shell plates Steel Thickness 1/16 in Range of tensile strength 28/51 Are the shell plates welded or flanged <

riveting: cir. seams all riveted long. seams all riveted Diameter of rivet holes in long. seams 1/16 in Pitch of rivets 5 3/16 in

Size or width of butt straps 1 1/2 in Per centages of strength of longitudinal joint rivets 98 1/2 % plate 81 1/2 % Working pressure of shell by

Size of manhole in shell 12 in x 16 in Size of compensating ring 2 1/2 in x 2 1/10 in No. and Description of Furnaces in each

plain Material Steel Outside diameter 2 - 11 in Length of plain part top 6 in Thickness of plates crown 5/8 in bottom 3/8 in

of longitudinal joint all riveted No. of strengthening rings < Working pressure of furnace by the rules 144 lb Combustion chamber

Material Steel Thickness: Sides 9/16 in Back 9/16 in Top 9/16 in Bottom 3/4 in Pitch of stays to ditto: Sides 4 1/4 x 4 1/4 in Back 8 x 4 1/2 in

If stays are fitted with nuts or riveted heads riveted Working pressure by rules 155 lb Material of stays Steel Area at

1.48 sq in Area supported by each stay 60 sq in Working pressure by rules 144 lb End plates in steam space: Material Steel Thickness 3/4 in

15 x 15 in How are stays secured riveted Working pressure by rules 184 lb Material of stays Steel Area at smallest part 3.9 sq in

supported by each stay 225 sq in Working pressure by rules 202 lb Material of Front plates at bottom Steel Thickness 3/4 in Material of

plate Steel Thickness 3/4 in Greatest pitch of stays 15 x 4 1/2 in Working pressure of plate by rules 158 lb Diameter of tubes 3 1/4 in

Material of tube plates Steel Thickness: Front 3/4 in Back 3/4 in Mean pitch of stays 8 1/2 in Pitch across wide

15 1/2 in Working pressures by rules 148 lb Girders to Chamber tops: Material Steel Depth and thickness of

2 x 4 1/2 x 6 1/2 in Length as per rule 2 - 2 1/2 in Distance apart 4 1/2 in Number and pitch of Stays in each 2 x 4 1/2 in

pressure by rules 208 lb Steam dome: description of joint to shell < % of strength of joint <

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

Working pressure of shell by rules < Crown plates < Thickness < How stayed <

SAFETY VALVE. Type < Date of Approval of Plan < Tested by Hydraulic Pressure to <

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

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

The foregoing is a correct description,

Milton Manufacturer.

During progress of work in shops - 16/12, 14/1, 24/1, 9/2, 5/3

Is the approved plan of boiler forwarded herewith Yes

During erection on board vessel - 15/5

Total No. of visits 6

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

Boiler has been made in accordance with the plan, Rules and all letters, workmanship good.

Fee ... £ ... When applied for, 19 ...
Printing Expenses (if any) £ ... When received, 19 ...

TUE. JUN. 15 1920

Engineer Surveyor to Lloyd's Register of Shipping.

tee's Minute

See attached report

005358 - 005266 - 0191

Lloyd's Register Foundation