

REPORT ON BOILERS.

No.

Received at London Office

Writing Report

19

When handed in at Local Office

19

Port of

Survey held at

Date, First Survey

Last Survey

19

on the

S.S.

"STAD ALKMAAR"

(Number of Visits

)

Gross

Tons

Net

Built at

Schiedam

By whom built

H. V. Witten

Hymood Yard No.

669

When built 1940

made at

Amsterdam

By whom made

H. V. Werkshoor

Engine No.

When made 1940

made at

"

By whom made

"

Boiler No.

2878
2878
2878

When made 1940

Horse Power

510

Owners

Halcyon-Lijn H. V.

Port belonging to

Rotterdam

TITUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

Constructors of Steel

(Letter for Record)

Painting Surface of Boilers

Is forced draught fitted

Coal or Oil fired

Description of Boilers

Working Pressure 14 Kg. = 199 lb.

by hydraulic pressure to

Date of test

No. of Certificate

Can each boiler be worked separately

Firegrate in each Boiler

No. and Description of safety valves to each boiler

each set of valves per boiler

{ per Rule
as fitted

Pressure to which they are adjusted 14 Kg. Are they fitted with easing gear

Yes

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

no donkey boiler

distance between boilers or uptakes and bunkers or woodwork

375 mm

Is oil fuel carried in the double bottom under boilers

No

distance between shell of boiler and tank top plating

625 mm

Is the bottom of the boiler insulated

?

internal dia. of boilers

Length

Shell plates: Material

Tensile strength

Are the shell plates welded or flanged

Description of riveting: circ. seams { end
inter.

ms

Diameter of rivet holes in { circ. seams
long. seams

Pitch of rivets {

age of strength of circ. end seams { plate
rivetsPercentage of strength of circ. intermediate seam { plate
rivetsage of strength of longitudinal joint { plate
rivets
combined

Working pressure of shell by Rules

ss of butt straps { outer
inner

No. and Description of Furnaces in each Boiler

Tensile strength

Smallest outside diameter

of plain part { top
bottomThickness of plates { crown
bottom

Description of longitudinal joint

ions of stiffening rings on furnace or c.c. bottom

Working pressure of furnace by Rules

ates in steam space: Material

Tensile strength

Thickness

Pitch of stays

e stays secured

Working pressure by Rules

ates: Material { front
back

Tensile strength {

Thickness {

tch of stay tubes in nests

Pitch across wide water spaces

Working pressure { front
back

to combustion chamber tops: Material

Tensile strength

Depth and thickness of girder

Length as per Rule

Distance apart

No. and pitch of stays

Working pressure by Rules

Combustion chamber plates: Material

strength

Thickness: Sides

Back

Top

Bottom

stays to ditto: Sides

Back

Top

Are stays fitted with nuts or riveted over

pressure by Rules

Front plate at bottom: Material

Tensile strength

s

Lower back plate: Material

Tensile strength

Thickness

stays at wide water space

Are stays fitted with nuts or riveted over

er of Ship Pressure

Main stays: Material

Tensile strength

{ At body of stay,
or
Over threads

No. of threads per inch

Area supported by each stay

pressure by Rules

Screw stays: Material

Tensile strength

{ At turned off part,
or
Over threads

No. of threads per inch

Area supported by each stay

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Foundation

W290-0030

Working pressure by Rules Are the stays drilled at the outer ends Margin stays: Diameter { At turned off part, or Over threads
No. of threads per inch Area supported by each stay Working pressure by Rules
Tubes: Material External diameter { Plain Stay Thickness { No. of threads per inch
Pitch of tubes Working pressure by Rules Manhole compensation: Size of opening
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 Steam Dome: Material
Tensile strength Thickness of shell Description of longitudinal joint
Diameter of rivet holes Pitch of rivets Percentage of strength of joint { Plate Rivets
Internal diameter Working pressure by Rules Thickness of crown No. and diameter of stays
Inner radius of crown Working pressure by Rules
How connected to shell Size of doubling plate under dome Diameter of rivet holes in outer row in dome connection to shell

Type of Superheater Manufacturers of { Tubes Steel forgings Steel castings
Number of elements Material of tubes Internal diameter and thickness of tubes
Material of headers Tensile strength Thickness Can the superheater be shut the boiler be worked separately
Is a safety valve fitted to every part of the superheater which can be shut off from the boiler
Area of each safety valve Are the safety valves fitted with easing gear Working pressure Rules
Pressure to which the safety valves are adjusted Hydraulic test tubes forgings and castings and after assembly in place Are drain valves fitted to free the superheater from water where necessary
Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with

The foregoing is a correct description,

Dates of Survey { During progress of work in shops - - } Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.)
while building { During erection on board vessel - - - } Total No. of visits

Is this Boiler a duplicate of a previous case If so, state Vessel's name and Report No.

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

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

Committee's Minute

Assigned

