

REPORT ON WATER TUBE BOILERS.

No. 13379

Date of writing Report 21 Feb 1935 When handed in at Local Office

Received at London Office

27 FEB 1935

19

Port of Amsterdam

No. in
Reg. Bk.

Survey held at Amsterdam

Date, First Survey

13 Nov

Last Survey 11 Feb

1935

on the Twin Screw Steamer "ROSA"

(Number of Visits 11)

Gross 3145.26
Net 1554.79

Master

Built at Amsterdam

By whom built J. V. Nedel Schep M⁴

When built 1935

Engines made at Amsterdam

By whom made

Werkspoor

When made 1935

Boilers made at Benfuo Heemsted

By whom made

Babcock Wilson & Co

When made 1934/35

Registered Horse Power 2400

Owners

Curacaoische Schep M⁴

Port belonging to Willemstad

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel

(Letter for Record)

Date of Approval of plan

of Boilers

2 Babcock Wilcox W.T. type

Working Pressure

180 lbs

Tested by Hydraulic Pressure to

320 lbs

Date of Test 29-11-34

No. of Certificates 389-390

Can each boiler be worked separately

Yes

Total Heating Surface of Boilers

65-20

Is forced draught fitted

Yes

Area of fire grate (coal) in each Boiler

Total grate area of boilers in vessel including

Main and Auxiliary

No. and type of burners (oil) in each boiler

3 Smith's patent

No. and description of safety valves on

each boiler

1-2 1/4" double opening imp. high lift

Area of each valve

5.94 sq"

Pressure to which they are adjusted

180 lbs

Are they fitted with easing gear

Yes

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

only Ham boiler

Smallest distance between boilers or uptakes and bunkers or woodwork

1-6"

Height of Boiler

16-8"

Width and Length

12-9" width, 14-6" length

Steam Drums:—Number in each boiler

Inside diameter

Material of plates

Thickness

Range of Tensile Strength

Are drum shell plates welded or flanged

Description of riveting:—

Cir. seams

long. seams

Diameter of rivet holes in long. seams

Pitch of Rivets

Lap of plate or width of butt straps

Thickness of straps

Percentage strength of long. joint:—Plate

Rivet

Diameter of tube holes in drum

Pitch of tube holes

Percentage strength of shell in way of tubes

If Drum has a flat side state method of staying

Depth and thickness of girders at centre

(if fitted)

Distance apart

Number and pitch of stays in each

Working pressure

by rules

Steam Drum Heads or Ends:—Material

Thickness

Radius or how stayed

Size of Manhole or Handhole

Water Drums:—Number in each boiler

Inside Diameter

Material of plates

Thickness

Range of tensile strength

Are drum shell plates welded

or flanged

Description of riveting:—Cir. seams

long. seams

Diameter of Rivet Holes in

long. seams

Pitch of rivets

Lap of plates or width of butt straps

Thickness of straps

Percentage strength of long. joint:—Plate

Rivet

Diameter of tube holes in drum

Pitch of tube holes

Percentage strength of drum shell in way of tubes

Water Drum Heads or Ends:—Material

Thickness

Radius or how stayed

Size of manhole or handhole

Headers or Sections:—Number

Material

Thickness

Tested by Hydraulic Pressure to

Material of Stays

Area at smallest part

Area supported by each stay

Working Pressure by Rules

Tubes:—Diameter

Thickness

Number

Steam Dome or Collector:—Description of Joint to Shell

Percentage strength of Joint

Diameter

Thickness of shell plates

Material

Description of longitudinal joint

Diameter of Rivet Holes

Pitch of Rivets

Working Pressure of shell

Rules

Crown or End Plates:—Material

Thickness

How stayed

PERHEATER.

Type

Date of Approval of Plan

Tested by Hydraulic Pressure to

ate 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

a drain cock or valve fitted at lowest point of superheater

Number, diameter, and thickness of tubes

bare Gear.

Tubes

Gaskets or joints:—Manhole

Handhole

Handhole plates

The foregoing is a correct description,

Manufacturer.

Dates } During progress of work in shops -- 12-13-19-22-26-29

while } During erection on board vessel -- Dec 14-27-29 Jan 15- Feb 7-11

Is the approved plan of boiler forwarded herewith

Total No. of visits 11

GENERAL REMARKS

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

The Boilers have been assembled in an efficient manner, afterwards duly tested as per rules found a tight. Efficiently fastened aboard

Kindly attach to Glasgow report 55214

Survey Fee £

When applied for,

19

Travelling Expenses (if any) £

When received,

19

Committee's Minute

TUE. 12 MAR 1935

Signed See Ans. J.E. 13379

Engineer Surveyor to Lloyd's Register of Shipping.

003487-003494-0183

© 2020

Lloyd's Register
Foundation