

# 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

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 Tons 3145.26  
Net 1554.79

Master Built at Amsterdam By whom built J. V. Nedel Scheep M<sup>4</sup> When built 1935

Engines made at Amsterdam By whom made Werkspoor When made 1935

Boilers made at Benfuo Amsterdam By whom made Babcock Wilson Ltd When made 1934/35

Registered Horse Power 2400 Owners Curacaoische Scheep M<sup>4</sup> 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 Wilson W.T. type Working Pressure 120 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 6520 sq ft

Is forced draught fitted Yes Area of fire grate (coal) in each Boiler 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 spring imp. high lift Area of each valve 5.94 sq in 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 from 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 of Stays

Area at smallest part Area supported by each stay Working Pressure by Rules Tubes:—Diameter Thickness Number

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

pare Gear. Tubes Gaskets or joints:—Manhole Handhole Handhole plates

The foregoing is a correct description,

Manufacturer.

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

While erecting 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

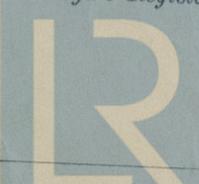
Survey Fee ... £ : : } When applied for, 19  
Travelling Expenses (if any) £ : : } When received, 19

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 12 MAR 1935

signed See Ans. J.E. 13379



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