

REPORT ON WATER TUBE BOILERS.

No. 28452.

21 JAN 1928

Received at London Office

Date of writing Report

When handed in at Local Office

Port of

No. in

Survey held at

Date, First Survey

Last Survey

Reg. Bk.

on the

Number of Visits

Tons

Master

Built at

By whom built

When built

Engines made at

By whom made

When made

Boilers made at

By whom made

When made

NOMINAL
Registered Horse Power

Owners

Port belonging to

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel

Letter for Record

Date of Approval of plan

Number and Description or Type

of Boilers

Working Pressure

Tested by Hydraulic Pressure to

Date of Test

No. of Certificate

Can each boiler be worked separately

Total Heating Surface of Boilers

Is forced draught fitted

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

No. and description of safety valves on

each boiler

Area of each valve

Pressure to which they are adjusted

Are they fitted with easing gear

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

Smallest distance between boilers or uptakes and bunkers or woodwork

Height of Boiler

Width and 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

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

Date 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

Is a drain cock or valve fitted at lowest point of superheater

Number, diameter, and thickness of tubes

Spare Gear.

Tubes

Gaskets or joints:—Manhole

Handhole

Handhole plates

The foregoing is a correct description,

The Babcock & Wilcox Co. Manufacturer.
N. Hubbard.

Dates } During progress of 1925- Oct. 5, 13.

Survey } work in shops - - }

while } During erection on 1927 31 Sept 27 Dec. 29 Dec.

building } board vessel - - }

Is the approved plan of boiler forwarded herewith

Total No. of visits

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

These water tube donkey boilers have been

submitted under Special Survey in accordance with the Rules & approved plans & the workmanship & material are
 satisfactory. They have now been fitted on board & the safety valves adjusted under steam, & are now
 in good & safe working condition & eligible in our opinion, to receive the notation 2 W.T.D.B. 27.
 250 lbs, subject to being annually surveyed

Survey Fee ... £ \$90.00

When applied for, 13/1/1928

Travelling Expenses (if any) £

When received, 1928

A Mac Watt.

John S. Heck

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK JAN 11 1928

Signed 2 W.T.D.B. - 250 lbs Steam Pressure



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Lloyd's Register

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