

REPORT ON WATER TUBE BOILERS

Received at London Office 29 JUN 1954

Writing Report 7th May 1954 When handed in at Local Office 19 Port of Baltimore Maryland
Survey held at Sparrows Point, Maryland Date, First Survey 17th Dec. 1953 Last Survey 27 April 1954
Bk. on the S.S. JOHN P.G. (Number of Visits 3) Tons {Gross 18717 Net 11567
at Sparrows Point, Maryland By whom built Bethlehem Sparrows Point Shipyard When built 1954
es made at Quincy, Mass. By whom made Bethlehem Steel Co. When made 1953
s made at Carteret, N.J. By whom made Foster Wheeler Corp. When made 1953
nal Horse Power 3,000 Owners Bilboa Compania Naviera S.A. Port belonging to Panama

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

of Approval of plan 3rd OCTOBER, 1948, NEW YORK Number and Description or Type

One Compressed Air Tank Working Pressure 125 p.s.i. Tested by Hydraulic Pressure to 250 p.s.i. Date of Test 17 Dec. 1953

of Certificate Can each boiler be worked separately Total Heating Surface of Boilers Air Tank

forced draught fitted Area of fire grate (coal) in each Boiler

and type of burners (oil) in each boiler No. and description of safety valves on

per Tank boiler One 1/2" Relief Valve Area of each set of valves per boiler {per rule as fitted .196 Pressure to which they

adjusted 125 p.s.i. Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter

donkey boiler Smallest distance between boilers or uptakes and bunkers or woodwork Height of boiler 30 cu. ft.

th and Length 5'-3 1/2" Steam Drums: Number in each boiler one Inside diameter 35 1/2"

thness of plates 3/8" Range of Tensile Strength 55,000-65,000 p.s.i. Are drum shell plates welded

anged welded If fusion welded, state name of welding firm Bethlehem Steel Co. Have all the requirements of the rules

Class I vessels been complied with Description of riveting: Cir. seams long seams

diameter of rivet holes in long seams Pitch of rivets Thickness of straps Percentage strength of

joint: Plate Rivet Diameter of tube holes in drum Pitch of tube holes

centage strength of shell in way of tubes Steam Drum Heads or Ends: Range of tensile strength

thness of plates 3/8" Radius or how stayed Size of manhole or handhole 5" flanged pipe opening Water Drums: Number

each boiler 48" Inside Diameter Thickness of plates Range of tensile strength Are drum shell plates

welded or flanged If fusion welded, state name of welding firm Have all the requirements of the rules

Class I vessels been complied with Description of riveting: Cir. seams long seam

diameter of rivet holes in long seams Pitch of rivets Thickness of straps

centage strength of long joint: Plate Rivet Diameter of tube holes in drum Pitch of tube holes

centage strength of drum shell in way of tubes Water Drum Heads or Ends: Range of Tensile strength

thness of plates Radius or how stayed Size of manhole or handhole

ders or Sections: Number Material Thickness Tested by Hydraulic Pressure to

es: Diameter Thickness Number Steam Dome or Collector: Description of

to Shell Inside diameter Thickness of shell plates Range of tensile

gth Description of longitudinal joint If fusion welded, state name of welding

Have all the requirements of the rules for Class I vessels been complied with Diameter of rivet holes

of rivets Thickness of straps Percentage strength of long joint Plate Rivet

wn or End Plates: Range of tensile strength Thickness Radius or how stayed

PERHEATER. Drums or Headers: Number in each boiler Inside Diameter

thness Material Range of tensile strength Are drum shell plates welded

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Class I vessels been complied with Description of riveting: Cir. seams long seams

diameter of rivet holes in long seams Pitch of rivets Thickness of straps Percentage strength of

joint: Plate Rivet Diameter of tube holes in drum Pitch of tube holes Percentage strength of

a shell in way of tubes Drum Heads or Ends: Thickness Range of tensile strength

us or how stayed Size of manhole or handhole Number, diameter, and thickness of tubes

ed by Hydraulic Pressure to Date of Test Is a safety valve fitted to each section of the superheater which

be shut off from the boiler No. and description of Safety Valves Area of each set

valves Pressure to which they are adjusted Is easing gear fitted

re Gear. Has the spare gear required by the rules been supplied

The foregoing is a correct description,

Manufacturer.

ates During progress of 17th Dec. 1953 Is the approved plan of boiler forwarded herewith No.

urvey work in shops - - - 12.27 April 1954 Total No. of visits 3

hile During erection on board vessel - - -

lding

is boiler a duplicate of a previous case yes If so, state vessel's name and report No. S.S. Andross Sea, Baltimore 91752

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) S.S. Las Piedras No. 9852

This class 11 pressure vessel for ships service conferred air system has been constructed in accordance with

the approved plan, it was hydrostatically tested and examined under working conditions aboard the vessel. The

workmanship and material throughout are good.

Survey Fee £ : : When applied for, 19

Travelling Expenses (if any) £ : : When received, 19

Committee's Minute NEW YORK JUN 9 1954

signed See minute on first entry rpt. attached

D.H. McKenney 2020 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

008201-008210-0165