

REPORT ON WATER TUBE BOILERS

Compressed Air Tank

No. 8723

Received at London Office

16 FEB 1949

Writing Report 31 DEC 1948 When handed in at Local Office 31 DEC 1948 Port of Baltimore, Maryland
 Survey held at Baltimore, Maryland Date, First Survey 6th August Last Survey 2nd September 1948
 on the SS "OLYMPIC GAMES" (Number of Visits 2) Tons { Gross 10901
 Net 6549
 Sparrows Point, Maryland By whom built Bethlehem Sparrows Point Shipyard, When built 1948
 made at Lester, Pennsylvania By whom made Westinghouse Inc. When made 1945
 made at Carteret, N. J. By whom made Foster Wheeler When made 1945
 Horse Power 1029 Owners Sociedad Industrial Maritima Financiera Ariona Panama, S. A. Port belonging to Puerto Cortez

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

Approval of plan 74 K 205 - 17423 A.B.S. Number and Description or Type

Air Tank one vertical tank Working Pressure 100 Tested by Hydraulic Pressure to 150 Date of Test 6th Aug., '48

Certificate AB 210 Can each boiler be worked separately yes Total Heating Surface of Boilers 19 cu. ft.

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

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

boiler one - Spring Loaded 1" Area of each set of valves per boiler { per rule -
as fitted - Pressure to which they

adjusted 85 Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter

donkey boiler - Tank and Bulkhead 12" Height of boiler 6' - 1 1/8"

Distance between boilers or supports and bunkers or woodwork 12" Inside diameter Tank 2' - 1 3/8"

Thickness of plates 5/16" Range of Tensile Strength 55000 Are drum shell plates welded

method welded If fusion welded, state name of welding firm Bethlehem Steel Company Have all the requirements of the rules

Class I vessels been complied with Yes 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 90% Rivet - Diameter of tube holes in drum - Pitch of tube holes -

Percentage strength of shell in way of tubes - Steam Drum Heads or Ends:—Range of tensile strength 55000

Thickness of plates 5/16" Radius or how stayed 26" x 5/16" Size of manhole or handhole 2-3 1/4" x 4 7/8" Water Drums:—Number

each boiler - Inside Diameter 26" x dished radius x 1 5/8" 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 -

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:—Range of Tensile strength -

Thickness of plates - Radius or how stayed - Size of manhole or handhole -

Sections:—Number - Material - Thickness - Tested by Hydraulic Pressure to -

to Shell:—Diameter none Thickness - Number - Steam Dome or Collector:—Description of

to Shell - Inside diameter - Thickness of shell plates - Range of tensile

strength - 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

Thickness of straps - Percentage strength of long. joint - Plate - Rivet -

Thickness of shell plates - Radius or how stayed -

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

Thickness - Material - Range of tensile strength - Are drum shell plates welded

method - 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. 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

drum shell in way of tubes - Drum Heads or Ends:—Thickness - Range of tensile strength -

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

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 - No. and description of Safety Valves - Area of each set

of valves - Pressure to which they are adjusted - Is easing gear fitted -

Easing Gear. Has the spare gear required by the rules been supplied Compressed Air Tank.

The foregoing is a correct description,

Manufacturer.

Dates of Survey 6th August, 1948 Is the approved plan of boiler forwarded herewith No
 During progress of work in shops - -
 During erection on board vessel - - -
 Total No. of visits 2

Is this boiler a duplicate of a previous case no If so, state vessel's name and report No. -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This small air tank for compressed air system was constructed under special survey for American Bureau of Shipping and in accordance with the approved plan. The workmanship and material are good. Tank has now been installed on vessel and seen under working conditions.

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

Committee's Minute
 Assigned See First Entry Report attached
 NEW YORK JAN 19 1949



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