

## REPORT ON WATER TUBE BOILERS.

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  
 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 Port belonging to Puerto Cortez  
Financiera Ariona Panama S.A.

**WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY**—Manufacturers of Steel Bethlehem Steel Corp.  
 Approval of plan 74 K 205 - 17420 Number and Description or Type  
 Tank one - Vertical Tank Working Pressure 125 Tested by Hydraulic Pressure to 188 Date of Test 6th Aug. 1948  
 Certificate AB 211 Can each boiler be worked separately Yes Total Heating Surface of Boilers 27 cu. ft.  
 Draught fitted - Area of fire grate (coal) 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 - Pressure to which they  
 as fitted -  
 Adjusted 105 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 Smallest distance between boiler or uptake and donkey or woodwork 12" Height of tank 6'-8 1/32"  
 and Length - Steam Drums:—Number in each boiler - Inside diameter Tank 2'-5 3/8"  
 Thickness of plates 5/16 Range of Tensile Strength 55000 Are drum shell plates welded  
 welded 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 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 - Tank Steam Drum Heads or Ends:—Range of tensile strength 55000  
 Thickness of plates 5/16" Radius or how stayed 30" x 5/16" Size of manhole or handhole 2-3 1/4" x 4 7/8" Water Drums:—Number  
 in each boiler - Inside Diameter 30" x Dished Radius x 1 7/8" 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 -  
 Headers or Sections:—Number - Material - Thickness - Tested by Hydraulic Pressure to -  
 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 -  
 Ends or End Plates:—Range of tensile strength - Thickness - Radius or how stayed -

**SUPERHEATER. Drums or Headers:**—Number in each boiler - Inside Diameter -  
 Thickness - Material - Range of tensile strength - Are drum shell plates welded  
 welded - 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  
 in 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  
 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 { During progress of 6th August 1948 Is the approved plan of boiler forwarded herewith no  
 Survey work in shops - - 2nd Sept. )  
 while During erection on  
 building board vessel - -

This boiler TANK 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.

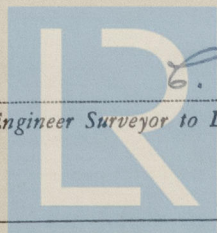
Survey Fee £ : ✓ : ✓ When applied for, 19  
 Travelling Expenses (if any) £ : : When received, 19

Committee's Minute

Assigned See First Entry Report attached -

NEW YORK JAN 19 1949

Engineer Surveyor to Lloyd's Register of Shipping.



© 2021

Lloyd's Register

Foundation

010589-010604-0106