

REPORT ON WATER TUBE BOILERS.

No. 8897

Received at London Office.

13 JUN 1949

Report made on the 2nd. March 1949 When handed in at Local Office 25th. March 1949 Port of Baltimore, Maryland.
 Survey held at Baltimore. Date, First Survey May 13th. Last Survey December 23rd. 1948
 on the M.V. "ANNA SALEN" (ex "ARCHER") (Number of Visits 3)
 Are Chester, Pa. By whom built Sun S.B. and D.D. Co; Tons { Gross 7840
St. Louis, Mo. By whom made Busch Sulzer Net 4635
New York By whom made Foster Wheeler Corp. When built 1940
 les suppli. Power Sven Salen When made 1940
 Port belonging to Stockholm

TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Bethlehem Steel Co;
 val of plan One oil fired and waste heat Working Pressure 100 lbs. Tested by Hydraulic Pressure to 200 lbs. Date of Test 1940
 Can each boiler be worked separately - Total Heating Surface of Boilers 996 (oil) 3600 (heat)
 ght fitted No Area of fire grate (coal) in each Boiler -
 of burners (oil) in each boiler One—Todd Hexpress
 No. and description of safety valves on Two, Crosby high lift 4"
 Area of each set of valves per boiler { per rule - Pressure to which they
 as fitted 2.8526sq. ins.
 100 lbs. Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter
 Smallest distance between boilers or uptakes and bunkers or woodwork Not close Height of boiler 14' 4"
 length 15' 11" Steam Drums:—Number in each boiler one Inside diameter 36"
 plates 5/8 Range of Tensile Strength - Are drum shell plates welded
welded If fusion welded, state name of welding firm Foster Wheeler Corp; Have all the requirements of the rules
 ssels been complied with Yes Description of riveting:—Cir. seams - long. seams -
 rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of
 Rivet - Diameter of tube holes in drum - Pitch of tube holes -
 length of shell in way of tubes - Steam Drum Heads or Ends:—Range of tensile strength -
 plates 1/2" Radius or how stayed Radius Size of manhole or handhole 12"x16" Water Drums:—Number
 Inside Diameter - Thickness of plates - Range of tensile strength - Are drum shell plates
 If fusion welded, state name of welding firm - Have all the requirements of the rules
 ssels been complied with - Description of riveting:—Cir. seams - long. seam -
 rivet holes in long. seams - Pitch of rivets - Thickness of straps -
 length of long. joint:—Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -
 length of drum shell in way of tubes - Water Drum Heads or Ends:—Range of Tensile strength -
 Radius or how stayed - Size of manhole or handhole -
 Sections:—Number 17 Material Steel Thickness 9/16 and 1/2" Tested by Hydraulic Pressure to -
 meter 2" and 4" Thickness 10, 11 and 12 B.W.G. Number 246 total Steam Dome or Collector:—Description of
 Inside diameter - Thickness of shell plates - Range of tensile
 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 -
 nd Plates:—Range of tensile strength - Thickness - Radius or how stayed -
HEATER. Drums or Headers:—Number in each boiler - Inside Diameter -
 Material - Range of tensile strength - Are drum shell plates welded
 If fusion welded, state name of welding firm - Have all the requirements of the rules
 ssels been complied with - Description of riveting:—Cir. seams - long. seams -
 rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of
 Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes - Percentage strength of
 way of tubes - Drum Heads or Ends:—Thickness - Range of tensile strength -
 stayed - Size of manhole or handhole - Number, diameter, and thickness of tubes -
 draulic Pressure to - Date of Test - Is a safety valve fitted to each section of the superheater which
 ff from the boiler - No. and description of Safety Valves - Area of each set
 Pressure to which they are adjusted - Is easing gear fitted -
 ar. Has the spare gear required by the rules been supplied Yes

The foregoing is a correct description,

Manufacturer.

During progress of }
 work in shops - - }
 During erection on }
 board vessel - - - }

Is the approved plan of boiler forwarded herewith -

Total No. of visits -

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

REMARKS (State quality of workmanship, opinions as to class, &c.) The water tube waste heat and oil fired boiler
herewith has been examined throughout and found to be in good condition and of sound workmanship.
is the opinion of the undersigned that this boiler is eligible to be classed with this Society with a record
of S. 12.48

ce \$125.00 : } When applied for, 31st. March 1949
 g Expenses (if any) £ : : } When received, - 19

ee's Minute NEW YORK MAY 25 1949

1 WTD B - 100 LBS

Engineer Surveyor to Lloyd's Register of Shipping.

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003479-003486-0045