

REPORT ON WATER TUBE BOILERS.

No. 28896

Received at London Office

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Writing Report 28-11-1953 When handed in at Local Office 10-12-1953 Port of ANTWERP
 Survey held at SERRING & ANTWERP Date, First Survey 12-11-52 Last Survey 12-11-1953
 (Number of Visits 28) Gross 15000 Tons
 Net 7623
 on the S/T "MARITIME TRADER"
 Hoboken By whom built D.A. Jhr. Cockenill Yard No. 759 When built 1953
 By whom made do. do. Engine No. 6322/3 When made 1953
 By whom made do. do. Boiler No. When made 1953
 Owners Maritime Transportation Co. 22 Port belonging to Monrovia

ER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steels A. Uffner & Co. Ltd. de la Meuse
 meth. Rheinische Böhmische A. G. München
 No. and Description or Type
 of Approval of plan 22-1-52 / 23-7-52
 lers Two Babcock & Wilcox Header Type Working Pressure 100 lbs./sq. in. Tested by Hydraulic Pressure to 800 lbs./sq. in. Date of Test 24-9-53
 Certificate Can each boiler be worked separately? Yes Total Heating Surface of Boilers 15542 sq. ft.
 ed draught fitted? Yes Area of Fire Grate (coal) in each Boiler
 d type of burners (oil) in each boiler Five Babcock & Wilcox Plunger Type No. and description of safety valves on
 oiler Two on saturated steam drum and one on superheater of each boiler Porter 38 S.V. Type 2 Area of each set of valves per boiler
 justed 500 lbs./sq. in. Are they fitted with easing gear? Yes In case of donkey boilers state whether steam from main boilers can enter
 nkey boiler Smallest distance between boilers or uptakes and bunkers or woodwork Height of boiler 24' 10"
 and length 18' - 16' Steam Drums:—Number in each boiler one Inside diameter 106 1/2"
 ness of plates 46 Range of tensile strength 44/51 Kp/mm² Are drum shell plates welded
 ged welded If fusion welded, state name of welding firm Meth. Rheinische Böhmische A. G. Have all the requirements of the Rules
 ass I vessels been complied with? Yes (See Certificate of Riveting) Description of riveting:—Circ. seams long. seams
 ter 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
 ntage strength of shell in way of tubes Steam Drum Heads or Ends:—Range of tensile strength
 ness of plates Radius or how stayed Size of manhole or handhole Water Drums:—Number
 h boiler Inside diameter Thickness of plates Range of tensile strength Are drum shell plates
 l or flanged If fusion welded, state name of welding firm Have all the requirements of the Rules
 ass I vessels been complied with Description of riveting:—Circ. seams long. seams
 ter of rivet holes in long. seams Pitch of rivets Thickness of straps
 ntage strength of long. joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes
 ntage strength of drum shell in way of tubes Water Drum Heads or Ends:—Range of tensile strength
 ness of plates Radius or how stayed Size of manhole or handhole
 or Sections:—Number 20 Material S.M. steel Thickness 1434 Tested by hydraulic pressure to 800 lbs./sq. in.
 :—Diameter { 1 1/4" 2 1/4" 3 1/4" } Thickness { 3 S.W.G. 4 S.W.G. 5 S.W.G. } Number { 1434 158 46 } Steam Dome or Collector:—Description of
 to shell none Inside diameter 3 S.W.G. Thickness of shell plates Range of tensile
 th Description of longitudinal joint If fusion welded, state name of welding
 Have all the requirements for 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
 n or End Plates:—Range of tensile strength Thickness Radius or how stayed
 ERHEATER. Drum or Headers:—Number in each boiler two (solid drawn) Inside diameter 152 x 152
 ness 35.4 Material S.M. steel Range of tensile strength 44/51 Kp/mm² Are drum shell plates welded
 ged If fusion welded, state name of welding firm Have all the requirements of the Rules
 lass I vessels been complied with Description of riveting:—Circ. seams long. seams
 ter 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
 shell in way of tubes Drum Heads or Ends:—Thickness Range of tensile strength
 os or how stayed Size of manhole or handhole Number, diameter, and thickness of tubes
 l by hydraulic pressure to 995 lbs./sq. in. Date of test 24-9-53 Is a safety valve fitted to each section of the superheater which
 shut off from the boiler? Yes No. and description of safety valves one Porter 38 S.V. Type 2 Area of each set
 ves 3.1 x 28 in. Pressure to which they are adjusted 470 lbs./sq. in. Is easing gear fitted? Yes
 e Gear. Has the spare gear required by the Rules been supplied? Yes

The foregoing is a correct description,

C. J. J. J. Manufacturer.

es During progress of 1952. Nov. 12, Dec. 12, 19, 30, 1953. Jan. 6, 9, Feb. 13, 20, 27, March 12, 1954. Is the approved plan of boiler forwarded herewith? Yes
 rvey work in shops - - 17, 26, 27, 31, April 3, 14, 24, May 5, June 22, Sept. 11, 15
 le During erection on 1953. Sept. 2, 16, 24, Nov. 2, 5, 12
 ing board vessel - - - - -
 Total No. of visits 28

s boiler a duplicate of a previous case? Yes If so, state vessel's name and report No. MARITIME LEADER N° 28148
 ERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These boilers have been built and installed
 in special survey of the Society's Surveyor in accordance with the approved plans the Rules
 the Society's letter. The workmanship and materials are good. The boilers were examined
 pressure, the safety valves adjusted under steam to the pressure as noted above and an
 accumulation test carried out with
 satisfactory results.

Survey Fee ... 34380/- When applied for 25-11-1953
 Travelling Expenses (if any) ... When received 5-12-1953

FRIDAY 15 JAN 1954

C. J. J. J. Engineer Surveyor to Lloyd's Register of Shipping.

Date
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