

REPORT ON WATER TUBE BOILERS.

No. 17277

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of writing Report 12-11-1958 When handed in at Local Office 19 Port of Copenhagen
 in Survey held at Elsinore Date, First Survey 17-9-58 Last Survey 6-11 1958
 Book. 96 on the m.v. "TENNA DAN" ex "HOEGH TRADER" (Number of Visits 6) Gross 5114.76
 at Beaumont - Texas By whom built Pennsylvania SHPYDS. Inc. Yard No. 295 Tons Net 2839.55
 nes made at Milwaukee - Wis. By whom made Nordberg Mfg. Co. Engine No. 21667-68 When built 1944
 rs made at Danville N.Y. By whom made Foster Wheeler Corp. Boiler No. FWB.1954 When made 1944
 for Register Book 761 Sq. ft. Owners J. Lauritzen Port belonging to Esbjerg

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

of Approval of plan (designed 200 lbs.) No. and Description or Type
 boilers One Cross Drum—Straight Tube Working Pressure 50 lbs. Tested by Hydraulic Pressure to 300 lb. Date of Test 2-28-44
 of Certificate American Bureau Can each boiler be worked separately yes Total Heating Surface of Boilers 761 Sq. ft. Superheaters no
 f Economisers no Is forced draught fitted yes Area of Fire Grate (coal) in each Boiler Oil Fired
 and type of burners (oil) in each boiler One - R - 1000 Rotary Cup. - W.N. Best Eng. Corp. No. and description of safety valves on
 boiler 2 off - 2 1/2" Crosby. spring loaded Area of each set of valves per boiler { per rule 4.93 Sq. inch
 as fitted 9.8 Sq. inch Pressure to which they
 adjusted 50 lbs. Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter
 donkey boiler no main boiler Smallest distance between boilers or uptakes and bunkers or woodwork no woodwork Height of boiler 13'-9 1/2"
 Material of thickness of plates 11" 16" (21" & 17") Range of tensile strength 65000 lbs. min. Inside diameter 36"
 and purpose of flanged welded If fusion welded, state name of welding firm WYATT Mfg. - Boiler Co. Have all the requirements of the Rules
 ow long at full Class I vessels been complied with U.S.C.G. Description of riveting:—Circ. seams long. seams
 meter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of
 g. joint:—Plate Rivet Diameter of tube holes in drum 4 1/2" Pitch of tube holes 7"
 centage strength of shell in way of tubes Steam Drum Heads or Ends:—Range of tensile strength 65000 lbs. min.
 ckness of plates 11" 16" Radius or how stayed ELLISODIAL Size of manhole or handhole 12" x 16" Water Drums:—Number
 each boiler Inside diameter Thickness of plates Range of tensile strength Are drum shell plates
 ded 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:—Circ. seams long. seams
 meter 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
 Material of centage strength of drum shell in way of tubes Water Drum Heads or Ends:—Range of tensile strength
 of crankcase ckness of plates Radius or how stayed Size of manhole or handhole
 aders or Sections:—Number 5-5 Material Steel Thickness 5/8" Wall-6 7/8" SQ. Tested by hydraulic pressure to 400 lbs.
 es:—Diameter 1 1/2" OD & 1" OD Thickness 12 gauge & 9 gauge Number 240 - 5 Steam Dome or Collector:—Description of
 t to shell Inside diameter Thickness of shell plates Range of tensile
 ngth 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
 h of rivets Thickness of straps Percentage strength of long. joint plate rivet
 own or End Plates:—Range of tensile strength Thickness Radius or how stayed
 PERHEATER, Drums or Headers:—Number in each boiler Inside diameter
 ckness Material Range of tensile strength Are drum shell plates welded
 langed If fusion welded, state name of welding firm Have all the requirements of the Rules
 Class I vessels been complied with Description of riveting:—Circ. seams long. seams
 meter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of
 Manufacturers joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes Percentage strength of
 n 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
 alves Pressure to which they are adjusted Is easing gear fitted
 re Gear. Has the spare gear required by the Rules been supplied yes

The foregoing is a correct description,

Manufacturer.

tes } During progress of
 survey } work in shops - -
 ile } During erection on
 ding } board vessel - -

Is the approved plan of boiler forwarded herewith

Total No. of visits

Is boiler a duplicate of a previous case

If so, state vessel's name and report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. This Water tube boiler designed by and
 tly constructed by Foster Wheeler Corp. was constructed under Special Survey of American Bureau
 Shipping was examined throughout and under working condition and found satisfactory. Safety valves
 uted to 50 lbs. sq. inch. - Accumulation test carried out with satisfactory result.

Survey Fee ... kr. 260,-

When applied for 19 NOV. 1958

Travelling Expenses (if any) £

When received 19

ENTERED IN COPENHAGEN ROUGH FEE BOOK ON THE 19 NOV. 1958

Date

FRIDAY - 2 JAN 1959

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See Rpt. 1.

Engineer Surveyor to Lloyd's Register of Shipping

01646-01656-0087