

REPORT ON WATER TUBE BOILERS.

No. 20310.

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Date of writing Report 15th Oct. 19 54. When handed in at Local Office 20th Oct. 19 54. Port of MIDDLESBROUGH.
 No. in Survey held at Haverton Hill on Tees. Date, First Survey 21st April 1953. Last Survey 11th Oct. 19 54.
 Reg. Book.

on the single screw tanker "MELIKA". (Number of Visits) Gross 20551 Tons Net 12533.
 Built at Haverton Hill. By whom built Furness S.B. Co. Ltd. Yard No 462 When built 1944
 Engines made at Hartlepool. By whom made Richardsons, Westgarth (Hpl) Engine No 2787 When made 1954
 Boilers made at Hartlepool. By whom made - do - Boiler No 2787 When made 1954
 Nominal Horse Power 2750 Owners Afran Transport Co. Port belonging to Monrovia.

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel See Hartlepool Report 19536.

Date of Approval of plan -
 Boilers 2-Foster Wheeler D Type. Designed Working Pressure 690lbs. Tested by Hydraulic Pressure to - No. and Description or Type
 Date of Certificate - Can each boiler be worked separately Yes Total Heating Surface of Boilers -
 forced draught fitted Yes Area of Fire Grate (coal) in each Boiler -
 Date and type of burners (oil) in each boiler -

Each boiler 1 - 2" Cockburn Single Full Bore. Area of each set of valves per boiler - No. and description of safety valves on
 Are they fitted with easing gear Yes Pressure to which they
 In case of donkey boilers state whether steam from main boilers can enter
 Smallest distance between boilers or uptakes and bunkers or woodwork 2'9" min. Height of boiler -
 Steam Drums: Number in each boiler - Inside diameter -
 Range of tensile strength -
 If fusion welded, state name of welding firm - Are drum shell plates welded
 Have all the requirements of the Rules

Description of riveting:—Circ. seams - long. seams -
 Pitch of rivets - Thickness of straps - Percentage strength of
 Diameter of tube holes in drum - Pitch of tube holes -
 Steam Drum Heads or Ends:—Range of tensile strength -
 Size of manhole or handhole - Water Drums:—Number
 Range of tensile strength - Are drum shell plates
 Have all the requirements of the Rules

Description of riveting:—Circ. seams - long. seams -
 Pitch of rivets - Thickness of straps -
 Diameter of tube holes in drum - Pitch of tube holes -
 Water Drum Heads or Ends:—Range of tensile strength -
 Size of manhole or handhole -
 Number, diameter, and thickness of tubes -
 Is a safety valve fitted to each section of the superheater which
 Area of each set
 Is easing gear fitted Yes

Is fusion welded, state name of welding firm -
 Have all the requirements for the Rules for Class I vessels been complied with -
 Diameter of rivet holes -
 Thickness of straps - Percentage strength of long. joint - plate - rivet -
 Radius or how stayed -
 Range of tensile strength -
 Thickness -
 Date of test -
 No. and description of safety valves 1-2" Cockburn Double Full Bore.
 Pressure to which they are adjusted 675lbs.
 Is easing gear fitted Yes

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 Percentage strength of
 Percentage strength of
 Range of tensile strength -
 Number, diameter, and thickness of tubes -
 Is a safety valve fitted to each section of the superheater which
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