

REPORT ON WATER TUBE BOILERS.

No. 33202E

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of writing Report 20-12-1950 When handed in at Local Office 19 Port of Rotterdam
 Rules... in Survey held at Rotterdam Date, First Survey 31-1-50 Last Survey 19-10-1950
 Rules... Book. 333 on the M.V. "LA PLATA"
 Rules... At at Rotterdam By whom built P. Smit & Co. B.V. Yard No. 594 When built 1950
 Rules... Lines made at Rotterdam By whom made P. Smit & Co. B.V. Engine No. 211/72 When made 1950
 Rules... Makers made at Rotterdam By whom made P. Smit & Co. B.V. Boiler No. 44/45 When made 1950
 Rules... Nominal Horse Power Owners Compania Petrolifera Fiscal Port belonging to Buenos Aires

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Houtenwerk Houthuizen A.G.
 e of Approval of plan 23-6-49 No. and Description or Type
 boilers 2 exhaust gas boilers Working Pressure 12.6 kg/cm² Tested by Hydraulic Pressure to 22.5 kg/cm² Date of Test 25-5-50
 of Certificate 1097-690 Can each boiler be worked separately. Yes Total Heating Surface of Boilers 200 m²
 forced draught fitted Area of Fire Grate (coal) in each Boiler
 and type of burners (oil) in each boiler No. and description of safety valves on
 boiler 2, spring loaded, high lifting type Area of each set of valves per boiler per rule as fitted 14.2 cm² Pressure to which they
 adjusted 12.6 kg/cm² Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter
 donkey boiler No Smallest distance between boilers or uptakes and bunkers or woodwork 3420 mm Height of boiler 3720 mm
 lth and length Outside diag 1468 mm Steam Drums:—Number in each boiler One Inside diameter 1440 mm
 ckness of plates 14 mm Range of tensile strength 44/50 kg/cm² Are drum shell plates welded
 'anged no 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 Single lap joint long. seams double riveted
 meter of rivet holes in long. seams 23 mm Pitch of rivets 70 mm Thickness of straps Percentage strength of
 . joint:—Plate App'd Rivet App'd Diameter of tube holes in drum tube plate 39 Pitch of tube holes 60 mm
 centage strength of shell in way of tubes Steam Drum Heads or Ends:—Range of tensile strength 41/44 kg/cm²
 ckness of plates 19 mm Radius or how stayed R = 1270 mm Size of manhole or handhole 300 x 400 mm Water Drums:—Number
 ach boiler One Inside diameter 1440 mm Thickness of plates 14 mm Range of tensile strength 44/50 kg/cm² Are drum shell plates
 led or flanged no 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 Single lap joint long. seams double riveted
 meter of rivet holes in long. seams 23 mm Pitch of rivets 70 mm Thickness of straps Percentage strength of
 centage strength of long. joint:—Plate App'd Rivet App'd Diameter of tube holes in drum tube plate 39 Pitch of tube holes 60 mm
 centage strength of drum shell in way of tubes Water Drum Heads or Ends:—Range of tensile strength 41/44 kg/cm²
 ckness of plates 19 mm Radius or how stayed R = 1270 mm Size of manhole or handhole 300 x 400 mm
Headers or Sections:—Number Material Thickness Tested by hydraulic pressure to
es:—Diameter 30 mm Thickness plain tubes 2.75 mm Number plain 360 Stay 59 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
wn or End Plates:—Range of tensile strength Thickness Radius or how stayed
PERHEATER, Drums or Headers:—Number in each boiler Not fitted Inside diameter
 ckness Material Range of tensile strength Are drum shell plates welded
 'anged 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
 . 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
 ius 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 spcre gear required by the Rules been supplied Yes

The foregoing is a correct description,

Manufacturer.

ORDER DIRECTOR

Is the approved plan of boiler forwarded herewith App'd 23-6-49
 During progress of work in shops 1950: 3/11, 7/12, 1-6-17/3, 14-29/4, 17-25/5
 During erection on board vessel 1950: 7/7, 10-19/10
 Total No. of visits 12

Is boiler a duplicate of a previous case Yes If so, state vessel's name and report No. M.V. "Nereida Madanaga" Report 32583D

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boilers have been constructed of tested materials under Special Survey in accordance with the approved plans, Society's Rules and Secretary's letters. They have been tested by hydraulic pressure and satisfactorily fitted aboard the vessel. The workmanship is good throughout. Safety valves adjusted under steam.

Survey Fee ... 405.- : When applied for 27/10 1950
 Travelling Expenses (if any) £ : When received 1/12 1950

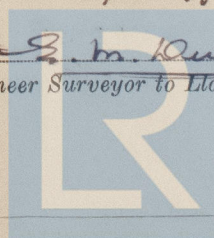
FRI. 9 MAR 1951

Engineer Surveyor to Lloyd's Register of Shipping.

Date

Committee's Minute

See P.E. nubby rpt



Lloyd's Register of Shipping

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