

Rpt. 5c.

REPORT ON WATER TUBE BOILERS.

No. Rka. 1233

Date of writing Report 8.6.1961 When handed in at Local Office 19 Port of Rijeka
Received at London Office
No. in Survey held at Zagreb Date, First Survey 21.3.61 Last Survey 18.5.1961
Reg. Book. (Number of Visits 8) Gross Tons Net Tons
Built at Rijeka By whom built Brodogradiliste 3. Maj Yard No. 480 When built
Engines made at Mantes-la-Jolie (Seine & Oise) By whom made C.C.M. Sulzer Engine No. 42436-42441 When made 1959-1960
Boilers made at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 2888 When made 1961
HS for Register Book 212 Owners Port belonging to

WATER TUBE BOILERS ~~MAIN~~ ~~AUXILIARY~~ ~~OR~~ ~~DONKEY~~ Manufacturers of Steel Acciaierie e Ferriere Lombarde Falck-Milan
Date of Approval of plan 17.11.1960 8 kg/sq.cm 114 lbs/sq.in No. and Description or Type of Boilers One Exhaust Gas "Lamont" Working Pressure 7 kg/sq.cm Tested by Hydraulic Pressure to 14 kg/sq.cm Date of Test 18.5.61
No. of Certificate Rka. 70 Can each boiler be worked separately - Total Heating Surface of Boilers 212 sq.mm Superheaters -
Half Economisers - Is forced draught fitted - Area of Fire Grate (coal) in each Boiler
No. and type of burners (oil) in each boiler 2 x 80 mm bore H.L. type No. and description of safety valves on each boiler 2 x 80 mm bore H.L. type Area of each set of valves per boiler per rule 6104 sq.mm Pressure to which they are adjusted 7 kg/sq.cm Are they fitted with easing gear -
In case of donkey boilers state whether steam from main boilers can enter the donkey boiler - Smallest distance between boilers or uptakes and bunkers or woodwork - Height of boiler 2850 mm
Width and length 2550 x 2070 mm Steam Drums: Number in each boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates welded or flanged - If fusion welded, state name of welding firm - Have all the requirements of the Rules for Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -
Diameter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of long. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -
Percentage strength of shell in way of tubes - Steam Drum Heads or Ends: Range of tensile strength - Water Drums: Number in each boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates welded or flanged - If fusion welded, state name of welding firm - Have all the requirements of the Rules for Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -
Diameter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of long. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -
Percentage strength of drum shell in way of tubes - Water Drum Heads or Ends: Range of tensile strength - Headers or Sections: Number 2 vertical Material S.M. Steel Thickness 8 mm Tested by hydraulic pressure to 14 kg/sq.c.
Tubes: Diameter 32 MM Thickness 3 MM Number 22 double coils Steam Dome or Collector: Description of joint to shell - Inside diameter - Thickness of shell plates - Range of tensile strength 36-47 kg/sq.mm Description of longitudinal joint - If 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 -
Pitch of rivets - Thickness of straps - Percentage strength of long. joint - plate - rivet -
Crown or End Plates: Range of tensile strength - Thickness - Radius or how stayed -
SUPERHEATER, Drums or Headers: Number in each boiler - Inside diameter - Thickness - Material - Range of tensile strength - Are drum shell plates welded or flanged - If fusion welded, state name of welding firm - Have all the requirements of the Rules for Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -
Diameter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of long. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes - Percentage strength of drum shell in way of tubes - Drum Heads or Ends: Thickness - Range of tensile strength - Radius or how stayed - Size of manhole or handhole - Number, diameter, and thickness of tubes -
Tested by hydraulic pressure to - Date of test - Is a safety valve fitted to each section of the superheater which can be shut off from the boiler - No. and description of safety valves - Area of each set of valves - Pressure to which they are adjusted - Is easing gear fitted -

Spare Gear. Has the spare gear required by the Rules been supplied -
The foregoing is a correct description, Yes Manufacturer TVORNICA PARNIH KOTLOVA
Is the approved plan of boiler forwarded herewith yes
Total No. of visits -

Dates of Survey { During progress of work in shops - - } from 21.3.61 to 18.5.61
while building { During erection on board vessel - - }
this 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.)
The boiler referred herein has been constructed under Special Survey in accordance with the Rules of the Society's approved plans and Secretary letters. The material and workmanship are good.

Survey Fee ... £ 12-0-0+25200/- When applied for 19
Travelling Expenses (if any) Din. 10418.- When received 19

Date FRIDAY 23 MAR 1962 Engineer Surveyor to Lloyd's Register of Shipping (J. Racki)
Committee's Minute See Rka 1349

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