

REPORT ON BOILERS.

No. Rka. 1268

-2. Oct. 1961

Received at London Office

Writing Report 11.7.1961 When handed in at Local Office 19 Port of Rijeka

Survey held at Zagreb Date, First Survey 27.2.1961 Last Survey 29.6.1961

on the (Number of Visits 9) Tons { Gross Net

Rijeka By whom built Brodogradiliste 3. Maj Yard No. 482 When built

es made at By whom made Engine No. When made

s made at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 2904 When made 1961

s Port belonging to

TICAL BOILER.

at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 2904 When made 1961 Where fixed

Manufacturers of Steel Dortmund Horder Huttenunion AG

Heating Surface of each Boiler 85 sq.m. Is forced draught fitted Coal or Oil fired oil fired

and Description of Boilers one vertical water tube Working Pressure 7 kg/sq.cm

d by hydraulic pressure to 14 kg/sq.cm Date of test 29.6.1961 No. of Certificate Rka. 76

of fire grate in each Boiler No. and description of safety valves to each boiler 2 x 80 mm bore, High lift type

of each set of valves per boiler { per Rule 4287 sq.mm. as fitted 10048 sq.mm. Pressure to which they are adjusted 7 kg/sq.cm Are they fitted with easing gear

whether steam from main boilers can enter the donkey boiler Smallest distance between boiler or uptake and bunkers

odwork Is oil fuel carried in the double bottom under boiler Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated Largest internal dia. of boiler 1860 Height 5400 mm

plates: Material SM. Steel Tensile strength 44-55 kg/sq.mm. Thickness 11 mm

he shell plates welded or flanged If fusion welded, state name of welding firm

all the requirements of the Rules for Class 1 vessels been complied with Description of riveting: circ. seams { end SR. Lap inter 11 mm

seams D.R. Butt Strap Dia. of rivet holes in { circ. seams 20 mm Pitch of rivets { 47 mm Thickness of butt straps { outer 11 mm inner 11 mm

I Crown: Whether complete hemisphere, dished partial spherical, or flat Dished Material SM. Steel Tensile strength 41-47 Thickness 14 mm

us 1800 mm Description of Furnace: Plain, spherical, or dished crown One bell type Material SM. Steel

le strength 41-47 kg/sq.mm. Thickness 14 mm External diameter { top 544 mm Length as per Rule 627 mm

of support stays circumferentially and vertically Are stays fitted with nuts or riveted over

eter of stays over thread Radius of spherical or dished furnace crown 1440 mm

tness of Ogee Ring Diameter as per Rule { D. d.

bustion Chamber: Material Tensile strength Thickness of top plate

us if dished Thickness of back plate Diameter if circular

th as per Rule Pitch of stays

tays fitted with nuts or riveted over Diameter of stays over thread

Plates: Material { Top SM. Steel Tensile strength { 41-47 kg/sq.mm. Thickness { 19 mm Mean pitch of stay tubes in nests 425+445 mm

prising shell, dia. as per Rule { front Pitch in outer vertical rows { Dia. of tube holes { Top 45,5877 mm Bott. 44,5876 mm

h alternate tube in outer vertical rows a stay tube

rs to Combustion Chamber Tops: Material Tensile strength

and thickness of girder at centre Length as per Rule

ce apart No. and pitch of stays in each



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Crown Stays: Material _____ Tensile strength _____ Diameter { at body of stay, _____ or over threads _____

No. of threads per inch _____ Screw Stays: Material _____ Tensile strength _____

Diameter { at turned off part, _____ or over threads _____ No. of threads per inch _____ Are the stays drilled at the outer ends _____

Tubes: Material SM.Steel External diameter { plain 44,5 mm ✓ stay 44,5;76 mm Thickness { _____

No. of threads per inch welded Pitch of tubes 68 mm ✓

Manhole Compensation: Size of opening in shell plate 332 x 432 mm ✓ Section of compensating ring 16 x 80 mm No. of rivets and _____

of rivet holes 52, 17 mm Dia. ✓ Outer row rivet pitch at ends _____ Depth of flange if manhole flanged _____

Uptake: External diameter _____ Thickness of uptake plate _____

Cross Tubes: No. _____ External diameters { _____ Thickness of plates _____

Chapter "J" Have all the requirements of Section 22 inclusive for boilers been complied with as far applicable.

The foregoing is a correct description

TEH. KONTROLA
JAGREB
TJAK
Manu

Dates of Survey while building { During progress of work in shops - - - From 27.2.61. to 29.6.61. Is the approved plan of boiler forwarded herewith yes (If not state date of approval.) 21.4.1959 (Draw. No. _____) Total No. of visits _____

{ During erection on board vessel - - -

Is 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 Society's approved plans and Secretary letter.

The material and workmanship are good.

In my opinion this boiler is suitable for installation in a ship classed with Society.

Note: Manholes and sightholes compensating rings are constructed according the drawing No.6328 and the Secretary letter 12.1.60. and 26.4.60.

Survey Fee ... £ 12-0-0+25.200.-Din. When applied for 19

Travelling Expenses (if any) £n. 10.500.-Din. When received 19

Date FRIDAY 13 JUL 1962

Committee's Minute Su Rpt 1

Engineer Surveyor to Lloyd's Register of Shipping (J. Racki)



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