

REPORT ON BOILERS.

No. 1884

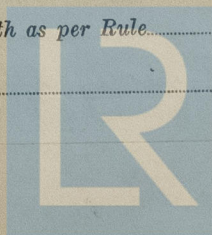
Received at London Office

24 JUL 1952

Surveying Report 18th June 1952 When handed in at Local Office 19 Port of HAMBURG
 Survey held at E L M S H O R N Date, First Survey 2nd April Last Survey 18th April 19 52
 on the Motor Tanker " ISEBEK " (Number of Visits 4) Tons { Gross 498 Net 270
 Elmshorn By whom built D.W. Kremer Sohn Yard No. 1001 When built 1952
 made at Kiel By whom made Maschinenbau Kiel A.G., Engine No. 15187 When made 1951
 made at Kreuztal/Westf. By whom made Schaubstahlwerke Boiler No. 20577 When made 1952
 Knöhr & Burchard Nfl. Port belonging to Hamburg

BOILER.

Kreuztal By whom made Schaubstahlwerke Boiler No. 20577 When made 1952 Where fixed Elmshorn M.T. "ISEBEK"
 Material of Steel
 Heating Surface of Boiler 537 sq. ft. (50,0 qm) Is forced draught fitted yes Coal or Oil fired oil
 Description of Boilers one, vertical Working Pressure 9 Atm.
 Hydraulic pressure to Date of test 15.3.52 No. of Certificate 20 (Daf.)
 Fire grate in each Boiler No. and description of safety valves to each boiler One, double ordin. spring loaded
 Each set of valves per boiler { per Rule 2 x 2827 sq. mm Pressure to which they are adjusted 128 lbs Are they fitted with easing gear yes
 Can steam from main boilers enter the donkey boiler no Smallest distance between boiler or uptake and bunkers
 Is oil fuel carried in the double bottom under boiler no Smallest distance between base of boiler and tank top plating
 100 mm Is the base of the boiler insulated yes Largest internal dia. of boiler Height
 Material Tensile strength Thickness
 All plates welded or flanged If fusion welded, state name of welding firm
 Do the requirements of the Rules for Class I vessels been complied with Description of riveting: circ. seams { end inter
 Dia. of rivet holes in { circ. seams Pitch of rivets { Percentage of strength of circ. seams { plate rivets
 { long. seams
 Final joint { plate rivets Thickness of butt straps { outer inner Shell Crown: Whether complete hemisphere, dished partial
 { combined
 Material Tensile strength Thickness
 Description of Furnace: Plain, spherical, or dished crown Material
 Thickness External diameter { top bottom Length as per Rule
 Support stays circumferentially and vertically Are stays fitted with nuts or riveted over
 Stays over thread Radius of spherical or dished furnace crown
 Diameter as per Rule { D. d.
 Chamber: Material Tensile strength Thickness of top plate
 Thickness of back plate Diameter if circular
 Pitch of stays
 Diameter of stays over thread
 Material { front back Tensile strength { Thickness { Mean pitch of stay tubes in nests
 g shell, dia. as per Rule { front back Pitch in outer vertical rows { Dia. of tube holes FRONT { stay plain BACK { stay plain
 mate tube in outer vertical rows a stay tube
 Combustion Chamber Tops: Material Tensile strength
 Thickness of girder at centre Length as per Rule
 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..... External diameter { plain.....
stay..... Thickness {

No. of threads per inch..... Pitch of tubes.....

Manhole Compensation: Size of opening in shell plate..... Section of compensating ring..... No. of rivets in

of rivet holes..... 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.....

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with.....

The foregoing is a correct description

D. W. Kremer Sohn

it found

Dates of Survey { During progress of work in shops - - -
while building { During erection on board vessel - - -

1952 April:- 2, 4, 15, 18

Is the approved plan of boiler forwarded herewith
(If not state date of approval.)

Total No. of visits..... 4

Is this Boiler a duplicate of a previous case..... no..... If so, state Vessel's name and Report No.....

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)..... See also Düsseldorf Rpt. No. 3586

The boiler has now been properly installed, examined under steam and safety valves adjusted at 128 lb per square inch. Oil fuel burning installation examined under working conditions and found good.

Survey Fee DM 60 : When applied for..... 19
Travelling Expenses (if any) DM 15 : When received..... 19

22 AUG 1952

Date.....

Committee's Minute..... See F.E. mch. rpt.

Engineer Surveyor to Lloyd's Register of



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