

# REPORT ON BOILERS.

No. 1884

Received at London Office **24 JUL 1952**

Survey Report **18th June 1952** When handed in at Local Office 19... Port of **HAMBURG**

Survey held at **ELMSHORN** Date, First Survey **2nd April** Last Survey **18th April 1952**

on the **Motor Tanker "ISEBEK"** (Number of Visits **4**) Gross **498** Tons 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**

## GENERAL BOILER.

made at **Kreuztal** By whom made **Schaubstahlwerke** Boiler No. **20577** When made **1952** Where fixed **Elmshorn M.T. "ISEBEK"**

Surface of Steel **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**

whether steam from main boilers can 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...

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

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... long. seams... } Pitch of rivets { Percentage of strength of circ. seams { plate... rivets... }

final joint { plate... rivets... combined... } Thickness of butt straps { outer... inner... } Shell Crown: Whether complete hemisphere, dished partial

Material... Tensile strength... Thickness...

Description of Furnace: Plain, spherical, or dished crown... Material...

Thickness... External diameter { top... bottom... } Length as per Rule...

stays circumferentially... and vertically... Are stays fitted with nuts or riveted over...

stays over thread... Radius of spherical or dished furnace crown...

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

Chamber: Material... Tensile strength... Thickness of top plate...

Thickness of back plate... Diameter if circular...

Pitch of stays...

stays with nuts or riveted over... Diameter of stays over thread...

Material { front... back... } Tensile strength { Thickness { Mean pitch of stay tubes in nests...

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...



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 on

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 { .....

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 fuer*

Dates of Survey while building { During progress of work in shops - - - } Is the approved plan of boiler forwarded herewith (If not state date of approval.)

{ During erection on board vessel - - - } 1952 April:- 2, 4, 15, 18 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

Engineer Surveyor to Lloyd's Register of

Date.....  
Committee's Minute..... See F.E. mchly upl



© 2021

Lloyd's Register Foundation