

REPORT ON BOILERS.

21 JAN 1957

Received at London Office

Port of KOBE

of writing Report.....19..... When handed in at Local Office.....19.....

Survey held at Osaka, Japan Date, First Survey 25th May, 1956 Last Survey 6th August, 1956.

(Number of Visits...14.....)

Tons { Gross.....
Net.....

Yard No. 815 When built

Engine No. When made

Boiler No. 616 When made Aug., 1956.

By whom made Hirano Iron Works Co., Ltd.

Owners Mitsubishi Kaiun K. K.

Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel Plates; Tsurumi Iron Works, Nippon Kokan, K.K. Tubes; Kawasaki Iron Works Nippon Kokan, K.K.

Total Heating Surface of Boilers 158.7 M² Of Superheaters

Is forced draught fitted Coal or Oil fired

and Description of Boilers 1. Dry Combustion Multitubular boiler Working Pressure 10 kg/cm²tested by hydraulic pressure to 18.5 kg/cm² Date of test 6th Aug. '56 No. of Certificate B-769 Can each boiler be worked separately

No. and Description of safety valves to each boiler

Pressure to which they are adjusted Are they fitted with easing gear

case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Is oil fuel carried in the double bottom under boilers

Is the bottom of the boiler insulated 47.3-

Shell plates: Material Boiler Steel Tensile strength 49.4 kg/mm²

Have all the requirements of the Rules for Class I vessels

Description of riveting: circ. seams { end... Double Zigzag

Pitch of rivets { inter... 89.5 mm.

Percentage of strength of circ. end seams { plate... 0.626

Percentage of strength of longitudinal joint { rivets... 0.558

combined... 0.899

2. Morison's type corrugated furnace.

Smallest outside diameter 1074 mm. 874

Description of longitudinal joint welded

Pitch of stays 420 x 350mm.

Material Boiler Steel Tensile strength 43.5-45.6kg/mm² Thickness 24 mm.

Screwed and Nut

Tensile strength { Top. 43.5kg/mm², Bot. 43.4kg/mm² Thickness { Top. 24mm. Bot. 23mm.Tensile strength { " 44.5-45.6kg/mm² Thickness { " 24mm. " 23mm.

Pitch across wide water spaces 350mm. x 96mm.

Depth and thickness of girder

No. and pitch of stays

Combustion chamber plates; Material

Thickness: Sides Back Top Bottom

Are stays fitted with nuts or riveted over

Tensile strength 43.4 kg/mm²Tensile strength 45.4 kg/mm² Thickness 23 mm.

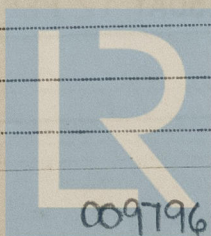
Are stays fitted with nuts or riveted over

Tensile strength 46.3 - 49.3kg/mm²

Tensile strength

No. of threads per inch

No. of threads per inch



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Lloyd's Register

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