

## REPORT ON BOILERS.

No. 4710

Received at London Office

16 FEB 1925

of writing Report 24/12/1924 When handed in at Local Office 1924 Port of Kobe

No. in Survey held at Harima Date, First Survey 8 October 1924 Last Survey 19 December 1924

g. Book. Twin Screw Motorship "FUKKO MARU" (Number of Visits 11) (Gross Tons No.)

on the Harima Built at Harima By whom built Kobe Steel Works, Harima Dockyard When built 1924

ster. Kobe Steel Works By whom made Kobe Steel Works When made Kobe

lers made at Kobe Steel Works Port belonging to Kobe

ners Kobe Steel Works

VERTICAL DONKEY BOILER— No. 1 Description Vertical X tube Manufacturers of steel Kawasaki Dockyard Co. Ltd. Kobe

ade at Harima By whom made Harima Dockyard When made 1924 Where fixed Engine Room Working pressure 120 lbs.

ted by hydraulic pressure to 230 Date of test 5/11/24 No. of Certificate 583 Fire grate area 11 sq. ft. Description of safety valves Direct Spring

o. of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 120 lbs. If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler Yes

ter the donkey boiler Yes Dia. of donkey boiler 4.6 Length 11.0 Material of shell plates Steel Thickness 7/16 Range of tensile 26.1

rength 23/32 Descrip. of riveting long. seams Double Dia. of rivet holes 13/16 Whether punched or drilled drilled Pitch of rivets 2.69

up of plating 4 Per centage of strength of joint 72.3% Rivets Plates Working pressure of shell by rules 149 lbs. Thickness of shell crown plates 9/16

adius of do. 4.6 No. of Stays to do. 1 Dia. of stays 3/8 Diameter of furnace Top 3.6 Bottom 3.11 3/8 Length of furnace 6.3

hickness of furnace plates 9/16 Description of joint Weld Working pressure of furnace by rules 148 lbs. Thickness of furnace crown plates 5/8 Radius of do. 3.5 3/8 Stayed by Yes Diameter of uptake 14.4 Thickness of uptake plates 3/8

hickness of water tubes 3/8

The foregoing is a correct description,

Jurata Manufacturer.

Dates { During progress of work in shops - - } 8. 10. 16. 20. 24, October 1924 3. 5 November 1924

Survey { During erection on board vessel - - - } 13. 28 November 1924 12. 19 December 1924

ilding { Total No. of visits 11 Is the approved plan of boiler forwarded herewith No.

## GENERAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.)

This Donkey Boiler has been constructed and installed under Special Survey in accordance with the approved plans and requirements of the Rules, and the materials and workmanship are good.

The Donkey Boiler is fitted with an oil fuel installation in accordance with the Rules, & the vessel is in my opinion eligible for the notation "Donkey Boiler 120 lbs."

Survey Fee ... £ 48 00 (See Mach<sup>t</sup> Report) When applied for, 24/1/25

Travelling Expenses (if any) £ 5 (See Fuel Report) When received, 24/1/25

Committee's Minute

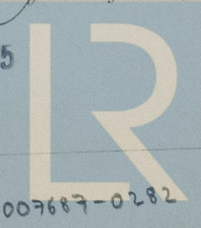
Assigned

FRI. 20 FEB 1925

TUES. 12 MAY 1925

FRI. 19 JUN 1925

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Foundation