

REPORT ON BOILERS.

No. 4710

16 FEB 1925

Received at London Office

of writing Report 24/12/24 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. 11 (Number of Visits) (Gross Tons) No

on the Twin Screw Motorship "FUKKO MARU" Built at Harima By whom built Kobe Steel Works, Harima Dockyard When built 1924

ster ✓ By whom made ✓ When made ✓

ers Kobe Steel Works. Port belonging to Kobe.

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

ade at Harima. By whom made Kobe Steel Works, 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 ✓

Length 23/32 in 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 69.5% 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. ✓ Dia. of stays Internal 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 ✓ Diameter of uptake 14 1/4 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. 27, October 1924. 3. 5 November 1924

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

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

GENERAL REMARKS (State quality of workmanship, opinions as to class, &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^t Report) When applied for, 1924

Travelling Expenses (if any) £ (See Steel Report) When received, 29/1/25

Committee's Minute FRI. 20 FEB 1925 Assigned TUES. 12 MAY 1925

J. McMillan. Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

FRI. 19 JUN 1925



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