

For the information of Surveyors and the Committee only.

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 1750 Port Nag)

## No. 242. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~and Castings~~, as herein described, manufactured by Messrs. Mitsubishi Zosen Kaisha, Ltd., of Nagasaki, for the Engines No. 473 being constructed by Messrs. Nagasaki Works Mitsubishi Zosen Kaisha, Ltd. for the Ship No. 473, being built by them.

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. ~~These have been despatched to~~  
13 Piston rods for Main Engines.  
2 " " for Injection Air Compressor.

on Forgings ~~and Castings~~

*K. Kishigami*

Lloyd's

No. 242

NAGASAKI. 1st Oct. 1930.

K.K. 21-4-30

W 6. 16-5-30.

	<del>CRANK SHAFT.</del> Piston rods for Main Engines. <del>INTERMEDIATE SHAFT.</del>	<del>INTERMEDIATE SHAFT</del>	<del>INTERMEDIATE SHAFT</del>	<del>CRANK SHAFT.</del> Piston rods for Inj. Air Comp. <del>SCREW SHAFT.</del>
Material	Ingot steel			Ingot steel
Manufactured	Forged			Forged
Heat-treated	Yes			Yes
Dimensions, Forgings	170 m/m			130 m/m
Material, Castings	-			-
Process on inspection	Forged, rough turned and Finished.			Forged, rough turned and Finished.
Tests on Standard Test Pieces.	Test Mark:- PR 2. 3. 4. 5. 6. 7. 8. Ten. 29.2 31.2 31.2 32.0 29.2 28.8 28.0 Elong. 37.8 32.0 32.0 32.0 32.0 34.0 37.6			PR 13. 14. 30.8 31.6
Tests on Standard Test Pieces.	Test Mark:- PR 9. 10. 11. 12. 11'. 15. Ten. 28.8 29.2 30.0 30.0 29.6 29.6 Elong. 37.0 36.9 37.0 36.8 35.0 34.7			32.8 26.0
Extension per cent				(Spare).
Bending Test—	180°			180°
Time before fracture				
When Inspected	14-12-29 to 16-5-30.			3-2-30 to 4-4-30.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Mark on Piston rods for Inj. Air Comp.

LLOYD'S  
No. 242-A. *R*  
KK 4-4-30.

(if any chargeable) £

To be paid at

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

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Lloyd's Register  
Foundation

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