

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

## No. 249. ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Mitsubishi Zosen Kaisha, Ltd.. of Nagasaki. for the Engines No. 474 being constructed by Messrs. Nagasaki Works, of Mitsubishi Zosen Kaisha, Ltd. for the Ship No. 474, 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~~

12 Connecting rods for Main Engines.  
2 " " for Injection Air Compressor.

Forgings ~~or Castings~~.

Lloyd's

No. 249

K. 30-5-30.  
5-25-7-30.

K. Kidigami  
NAGASAKI. 20th Oct. 1930.

	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
		Connecting rods for Main Engines.		Connecting rods for Inj. Air Comp.
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
		Ingot steel		Ingot steel
Material		Forged		Forged
Grade		Yes		Yes
Sealed		180 m/m		135 m/m
Dimensions, Forgings		/		/
Material, Castings		Forged, rough turned, and Finished.		
Test on { specimen {		Test Mark:- COR 2. 3. 4. 5. 6. 7.		
on Standard Test Pieces.		Ten. 28.8 29.6 30.0 30.4 30.8 30.0		COR 14. 15'.
Elon.		39.0 35.0 38.0 35.9 39.5 39.0		
Test—		Test Mark:- 8. 9. 10. 11. 12. 16'.		28.8 28.4
per square inch		Ten. 29.2 29.6 29.6 29.2 29.2 30.4		
Elon.		38.7 38.7 38.3 38.5 38.5 34.4		34.1 36.0
Extension per cent		180°	without fracture	180°
Bending Test—				
before fracture				
When Inspected		13-1-30 to 23-7-30.		26-2-30 to 24-6-30.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Mark on Con. Rods for Inj. Air Comp.

LLOYD'S

No. 249-A

K.K. 5/24-6-30.

(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.

007679-007687-0181