

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 216. 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, Mitsubishi Zosen Kaisha, Ltd.. for the Ship No. 474, being built by them. of _____

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 Cross head pins for Main Engines.
2 " " " for Injection Air Compressor.

Mark on Forgings ~~or Castings~~

K. Kihigami & G. Anderson

NAGASAKI. 20th October 1930.

Lloyd's

No. 216. R

K.K. 30-5-30
16-18-19-6-30.
1-7-30. 2-8-30.

1-7-30. 2-8-30.		CRANK SHAFT.	CRANK SHAFT.	INTERMEDIATE SHAFT.	ROCK SHAFT.
			Cross head pins for Main Engines.		Cross head pins for Inj. Air Comp.
		SCREW SHAFT.			SCREW SHAFT.
Material* ...			Ingot steel (High carbon)		Ingot steel (High carbon)
How made ...			Forged		Forged
Annealed ...			Yes		Yes
Dimensions, Forgings			320 m/m		170 m/m
Weight, Castings			/		/
Progress on { Inspection }			Forged, rough turned, and Finished.		
Tests on Standard Test Pieces.	Test Mark:-	CH 2. 5. 6. 8M. 10B. 11M. 12M.			
	Ten.	47.2 48.0 48.4 47.2 45.2 45.2 44.4			
	Elong.	21.5 23.1 22.7 24.0 25.2 25.2 25.2	CH 13. 14.		
Insile Test—	Test Mark:-	15T. 15B. 16M. 15T'. 15T".	42.8 42.8		
Tons per square inch	Ten.	44.0 41.6 41.6 40.4 40.0			
	Elong.	20.0 28.3 28.3 30.5 26.1	25.5 25.5		
Extension per cent					
Id Bending Test—		/	/		
Angle before fracture					
Tests when Inspected		28-12-29 to 2-8-30.	2-11-29 to 25-2-30.		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Mark on Crosshead pins for Inj. Air Comp.

LLOYD'S

No. 216-A. A

G.A. 25-2-30.

To be paid at

See (if any chargeable) £

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