

9 NOV 1933

Lloyd's Register of Shipping.

(Report on Machinery, No. 401916 Port NAGASAKI)No. 683. 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. 532 being constructed by Messrs. Nagasaki Works, of Mitsubishi Zosen Kaisha, Ltd., for the Ship No. 532, being built by

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~~

Six (6) Connecting Rods for Main Engine.

Mark on Forgings ~~or Castings~~

Lloyd's

No. 683-A.B.C.D.E.F.H.D.B. 28-4-33.

NAGASAKI. 3rd May 1933.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT	AXLE SHAFT			
	FLYWHEEL SHAFT	Connecting Rods.		SCREW SHAFT.			
Material* ...		Ingot steel Open Hearth Process					
How made ...		Forged					
If Annealed...		Yes					
Dimensions, Forgings		220-200 m/m dia.					
Weight, Castings ...		/					
Progress on { Inspection }		Forged, while machining & finished.					
Tests on Standard Test Pieces.		COR-1.	2.	3.	4.	5.	6.
Tensile Test— Tons per square inch		31.2	30.8	30.4	28.4	28.8	30.8
Extension per cent		32.0	32.3	34.1	37.5	37.8	34.8
Cold Bending Test— Angle before fracture		180° without fracture.					
Dates when Inspected		9-12-32 to 28-4-33.					

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (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.