

For the information of Surveyors and the Committee only.

Received at

Office,

9 NOV 1933

Lloyd's Register of Shipping.

(Report on Machinery, No. 1916 Port Nag)

9. ENGINE FORGINGS OR CASTINGS.

to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Mitsubishi Zosen Kaisha, Ltd., of Nagasaki.

Engines No. 532 being constructed by Messrs. Nagasaki Works, Mitsubishi Zosen Kaisha, Ltd. for the Ship No. 532, being built by

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~~

Two (2) Semi-built Three throw Crank Shafts.

~~Castings~~

H. Buchanan

& 669-A.
7-4-33.

NAGASAKI. 10th April 1933.

CRANK SHAFT.	THRUST SHAFT	INTERMEDIATE SHAFT	TUBE SHAFT.	SCREW SHAFT.					
FLYWHEEL SHAFT									
Ingot steel Open Hearth Process.									
Forged									
Yes									
500 m/m									
--									
Forged, while machining & finished.									
Test Mark:-	CW-1A.	1-C.	2-A.	2-C.	4-A.	4-C.	CJ-1.	CJ-3)	No.
Tensile Str:-	32.0	32.0	30.0	30.0	32.0	30.8	30.8	30.8	669.
Elongation:-	32.3	36.2	36.7	35.8	34.0	34.5	35.0	36.7	
Test Mark:-	CW-3A.	3-C.	5-A.	5-C.	6-A.	6-C.	CJ-1.	CJ-2)	No.
Tensile Str:-	29.6	30.0	28.8	32.0	30.4	29.6	30.8	30.0	669-A.
Elongation:-	37.4	38.2	39.0	35.0	36.2	37.2	35.0	35.8	
180° without fracture.									
6-10-32 to 7-4-33.									

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

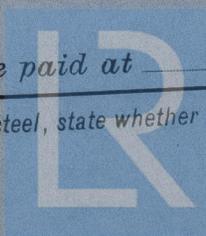
Tests:- CW - webs with pins.
CJ - journals.

In addition to above tests, tests were made from the material taken from between the webs near crank pins, which were found satisfactory.

(chargeable) £

To be paid at

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



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