

Rpt. 7.

For the information of Surveyors and the Committee only.

2 SEP 1933

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Sunderland

No.

ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs E. G. F. & Son Ltd of Sunderland for the Engines No. 1108 being constructed by North Eastern Marine Eng. Co. of Sunderland for the Ship No. _____, 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

North Eastern Marine Engineering Co. Ltd Sunderland

Mark on Forgings or Castings.

Lloyd's

No. 7903

20.7.33

Engine No 2797

Feedhealer Body

J. Dale

Sunderland

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Cast Steel</u>			
How made ...	<u>Electric furnace</u>			
Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>cut on the</u> <u>18.3.0</u> <u>Planing & testing</u>			
Weight, Castings				
Progress on Inspection				
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>34.0</u>			
Extension per cent	<u>29%</u>			
Cold Bending Test—	<u>120°</u>			
Angle before fracture	<u>19/20/7/33</u>			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Tested on completion of machining to 6600 lbs hyd. pressure ratio fastening

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.