

# Lloyd's Register of Shipping.

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

## No. F.3107 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured

by English Steel Corporation Ltd. of Manchester  
 for the Engines <sup>ORDER</sup> No. 35 B.W. 12 being constructed by The Wallend Slip. Eng. Co. Ltd.  
 of Wallend-on-Tyne 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

Wallend

Mark on Forgings or Castings.

Lloyd's  
 No. 2600  
23-1-30

(J.F.)

J. F. Campbell

Manchester 25-1-30

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1-2 <sup>nd</sup> REDUCTION WHEEL SHAFT.			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	O.H. Ingot Steel			
How made ...	Forged			
If Annealed...	Yes			
Dimensions, Forgings	23.6" & 22" outside diam. Finished bore 17.32" dia.			
Weight, Castings	✓			
Progress on { Inspection }	Rough machined			
Tests on Standard Test Pieces.	TOP. BOTT.			
Tensile Test— Tons per square inch	31.2 30.8			
Extension per cent	31.0 31.0			
Cold Bending Test— Angle before fracture	180° 180°			
Dates when Inspected	13-12-29 to 23-1-30			

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

field: 15.8 14.5  
 Reduction in Area %: 52 47

Fee (if any chargeable) £1-1-0

To be paid at Manchester

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