

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port

Sunderland

No. _____

ENGINE FORGINGS ~~OR CASTINGS~~.

4 JUNE 1928

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No. 165 being constructed by Wm. Beard & Sons of Sunderland for the Ship No. _____, being built by Contact No 32 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

Sunderland

Mark on Forgings or Castings.

Lloyd's

No 5846D

MR

M. Robertson

Darlington 25.5.28

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
1 Upper & 1 lower Piston Rod		2 Bolts & 1 Keep for Side Crosshead	1 Starting Leash Body	
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	Seimens	Martin	Ingot Steel	
How made ...	Forged	and	Annealed	
If Annealed ...		Yes		
Dimensions, Forgings	180% dia			
Weight, Castings				
Progress on Inspection	Forged & Rough Mach'd	Forging and Testing		
Tests on Standard Test Pieces.				
Tensile Test—	244-29.4	246-31.8		
Tons per square inch				
Extension per cent	30-0	29.0		
Cold Bending Test—	180	180		
Angle before fracture				
Dates when Inspected	15.5.28	6.5.28		

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.