

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port

Newcastle

No. _____

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs T. S. Forster & Son Ltd of Sunderland for the Engines No. 1484 being constructed by Swan Hunter Wigham Richards of Wallsend-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

Messrs Swan Hunter Wigham Richards & Co. Neptune Works

Mark on Forgings or Castings

Lloyd's

No. 7920

98 22.5.35

2 Half Steam Cylinders

J Dale
Sunderland

	CRANK SHAFT.	THRUST SHAFT. (2)	INTERMEDIATE SHAFTS	TUBE SHAFT.
	FLYWHEEL SHAFT.			2 SCREW SHAFTS
Material ^a ...		Lamin Martin Ingot	Steel	
How made ...		Forged	Forged	Forged
If Annealed ...		yes	yes	yes
Dimensions, Forgings		✓	5 1/4 in	5 7/8 in
Weight, Castings				
Progress on } Inspection }		Forging testing & rough machining		
Tests on Standard Test Pieces.				
Tensile Test—		30.2	30.8 30.0	30.4, 29.6
Tons per square inch		32 1/2	32 1/2 31 1/2	32 1/2, 33 1/2
Extension per cent		180°	180° 180°	180° 180°
Cold Bending Test—		180°	180° 180°	180° 180°
Angle before fracture		180°	180° 180°	180° 180°
Dates when Inspected		18 - 22/5/35	18 - 22/5/35	18 - 22/5/35

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at

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