

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

No. 19409. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & R. Mills Ltd. of Rotherham for the ^{Order} ~~Engines~~ No. 9644 being constructed by Messrs Smiths Dock Co. Ltd. of South Bank on Tees 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 _____

Mark on Forgings or Castings.

Lloyd's
No. R.W.F. 11/11/29.

R.W. Hawcett
Sheffield
20/11/29.

	CRANK SHAFT. 3 Slide Rods.	THRUST SHAFT. 1 Pump. Crosshead	INTERMEDIATE SHAFT. 3 Ecc. Rods.	TUBE SHAFT. 3 Ecc. Rods.
	FLYWHEEL SHAFT.			COREW SHAFT.
Material* ...	Siemens	Steel	Siemens	Steel
How made ...	Forged		Forged	
If Annealed ...	Yes		Yes	
Dimensions, Forgings	✓	✓	✓	✓
Weight, Castings	✓	✓	✓	✓
Progress on } Inspection }	Black	Forgings.	Black	Forgings.
Tests on Standard Test Pieces.	99	100	101	102.
Tensile Test— Tons per square inch	29.6	32.4	31.5	32.0
Extension per cent	33.0	35.0	32.0	33.0
Cold Bending Test— Angle before fracture	180°	180°	180°	180°
Dates when Inspected	6/ 11/29	to	11/11/29.	

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.



Lloyd's Register
Foundation