

Lloyd's Register of Shipping.

(Report on Machinery, No. 15420 Port West Hartlepool)

No. F43. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Richardson, Wigham & Co. Ld of Hartlepool for the Engines No. 2359 being constructed by (Turbines & Motors by Donald G. Laid) of Luton for the Ship No. 240, being built by J. Blumer & Co. of Imberbec have been inspected by me as set forth below, and found to be, so far as can be seen, sound tested & finished & fitted with cast-iron brass liners & pumped up between bearings.

Mark on Forgings or Castings. spire

Lloyd's No. <u>5938</u> <u>3/9/17 AB.</u>	Lloyd's No. <u>5938</u> <u>3/9/17 AB.</u>
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A. Lloyd
West Hartlepool
27/10/17

	CRANK SHAFT.		STRAIGHT SHAFTING.		PROPELLER SHAFT.
			THRUST SHAFT.	INTERMEDIATE SHAFTS.	
Material* ...					<u>Sw. light Steel</u>
How made ...					<u>forged</u>
Dimensions ...					<u>1 3/4" dia</u>
Progress on Inspection					<u>forge to finish</u>
Tests on Standard Test Pieces.					
Tensile Test—					
Tons per square inch ...					<u>TR 32.8 tons</u> <u>FR 32.8 tons</u>
Extension per cent ...					<u>FR 30.2%</u> <u>FR 30.2%</u>
Cold Bending Test—					
Angle before fracture ...					<u>FR 180°</u> <u>FR 180°</u>
Dates when Inspected					<u>17th & 3rd Sept 1917</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ Classey's
To be paid at _____

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

