

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Middlesbrough.)

No. Fl 4981

ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Blair & Co. of Stockton

for their Engines No. 1978 being constructed by

of Bartiam Iron for the Ship No. 263, being built by Sunderland

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 ^{are being fitted here} have been despatched to

Mark on Forgings or Castings.

Lloyd's
No. 7497-8
25. 11. 28. P.T.B.

P.M.A.
Initials

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. <u>Two</u> SCREW SHAFTS.
Material* ...				<u>Scrap Iron</u> <u>Forged</u>
How made ...				✓
If Annealed ...				<u>16 1/2" dia.</u>
Dimensions, Forgings				✓
Weight, Castings ...				<u>Forged Rough & Smooth</u> <u>turned & finished</u>
Progress on Inspection				✓
Tests on Standard Test Pieces.				✓
Tensile Test— Tons per square inch ...				✓
Extension per cent ...				✓
Cold Bending Test— Angle before fracture ...				✓
Dates when Inspected				<u>10. 14. 20. 25. Apr. 1928</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

These shafts fitted with continuous liners.

Fee (if any chargeable) £ None Vessel Clared. 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.