

Lloyd's Register of Shipping.

Order: 89548/89613.

Report on Machinery, No.

Port

No. 21399.

ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron~~ Steel Forgings ~~as follows~~, as herein described, manufactured by Messrs. Hamel & Lueg G.m.b.H. of Düsseldorf for the Engines No. 860 being constructed by Messrs. Wallsend Slipw. & Eng. Co. of Wallsend 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, 3 Intermediate shafts sound and free from surface defects.—

Mark on Forgings or Castings.

Lloyd's

No. 81/82/83.

J.L. 19.12.24.

Düsseldorf 22nd December 1924.

J. Loogen

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		1 intern. shaft	1 INTERMEDIATE SHAFT	1 intern. shaft
		81	82	83
Material* ...		Annealed Siemens Martin Acid Steel		
How made ...		forged	forged	forged
Dimensions ...		11 3/4 " ø	11 3/4 " ø	11 3/4 " ø
Progress on { Inspection }		rough turned	rough turned	rough turned
Tests on Standard Test Pieces.		.798 3"	.798 3"	.798 3"
Tensile Test— Tons per square inch		28.3	28.5	29.3
Extension per cent		31.3	28.6	32.6
Cold Bending Test— Angle before fracture		180 degr. good	180 degr. good	180 degr. good
Dates when Inspected		19.12.24.	19.12.24.	19.12.24.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at Düsseldorf.

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