

Lloyd's Register of Shipping.

Order: 3181.

(Report on Machinery, No. 104310 Port Liverpool)

No. 34535 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Charlottenhütte A.G. of Niederschelden for the Engines No. _____ being constructed by Messrs. Rud.A. Hartmann A.G. of Berlin 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 Berlin.

Düsseldorf 29th May 1934.

Lloyd's
No. 4318/4319.
J.Q. 26.5.34.

Eul. Quack
SURVEYOR TO LLOYDS REGISTER

	CRANK SHAFT	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	2 flat bars			SCREW SHAFT.
	CRANK SHAFT 4318/4319			
Material* ...	Annealed Siem.Mart.Ingot Steel			
How made ...	forged			
Annealed ...	Yes			
Dimensions, Forgings	200x50x3300 280x50x3300			
Weight, Castings				
Progress on { Inspection }	unmachined			
Tests on Standard Test Pieces.	.788 3"			
Tensile Test— Tons per square inch ...	27.9			
Extension per cent ...	29.5			
90° Bend Bending Test— Angle before fracture ...	180 degr. good			
Dates when Inspected	26.5.34.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

11. JUNI 1934

Fee (if any chargeable) £

To be paid at Düsseldorf. 2020

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

