

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

Order: 162633.

(Report on Machinery, No.

47390

Port

GLASGOW

No. 24311

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. 865 being constructed by Messrs. David Rowan & Co. Ltd. of Glasgow for the Ship No. 803, being built by Messrs. Lithgows Ltd. of Port Glasgow 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 Glasgow.

Mark on Forgings or Castings.

Düsseldorf 10th February 1927.

Lloyd's

No. 610/611/612.

V.S. 9.2.27.

	XXXXXXXXXX	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	3 journals			SCREW SHAFT.
	XXXXXXXXXX			
Material* ...	Annealed Siem. Mart. Ingot Steel			
How made ...	forged			
Annealed ...	Yes			
Dimensions, Forgings	400 mm Ø			
Weight, Castings				
Progress on Inspection }	rough turned			
Tests on Standard Test Pieces.	.798 3"			
Tensile Test—	31,8 30,7			
Tons per square inch	29,3 30,6			
Extension per cent	180 degr. good			
Cold Bending Test—				
Angle before fracture	9.2.27.			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at Düsseldorf.

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