

Received at



E. Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. *14845* Port *West Hartlepool*)

Order **26735**

No. *18337*

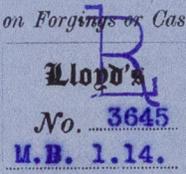
ENGINE FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

I have to report that the ~~Iron~~ *Steel* Forgings ~~or castings~~, as herein described, manufactured by **Messrs. Gutehoffnungshütte Aktienverein** of **Oberhausen** for the Engines No. **2307** being constructed by **Messrs. Richardsons Westgarth & Co.** of **West Hartlepool** 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.**

1 Intermediate shaft

Mark on Forgings or Castings.



Düsseldorf 22nd, January 1914.

W. Kelly

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material			annealed Siemens Martin Ingotsteel	
How made			forged	
Dimensions			12 5/8" diam.	
Progress on Inspection			rough turned diameter .798"	
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch			30.4	
Extension per cent			28.9	
Cold Bending Test—				
Angle before fracture			180 degr. good.	
Dates when Inspected			16. 20/1. 1914.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Never see by P.W.K. in time - an edment then

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.

