

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

(Report on Machinery, No. 34565 Port **GLASGOW**)

Order 15245.

No. **18250** **ENGINE FORGINGS OR CASTINGS**

I have to report that the ~~xxxxxx~~ Steel Forgings ~~xxxxxx~~, as herein described, manufactured by Messrs. Gutehoffnungshütte, A.-V. of Oberhausen for the Engines No. 612 being constructed by Messrs. David Rowan & Co. of Glasgow 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, 1 propeller shaft, 1 intermediate shaft.

Mark on Forgings or Castings.

**Lloyd's**

No. 9213, 9214, 9212.  
K.H.12.13.

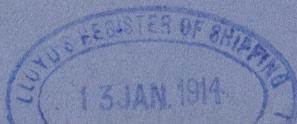
Düsseldorf, 3rd January 1914.

*Mark Haupt*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*			annealed Siemens-Martin Ingotsteel	
How made			forged	forged
Dimensions			14 3/4" diam.	17 1/2" diam.
Progress on Inspection			rough turned	rough turned
Tests on Standard Test Pieces.			diameter .798" No. 9214.	diameter .798" No. 9213.
Tensile Test—				
Tons per square inch			30.7	
Extension per cent			32.8	
Cold Bending Test—				
Angle before fracture			180 degr. good.	180 degr. good.
Dates when Inspected			16, 23, 30/12.1913.	16, 23, 30/12.1913.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

No. 9212. 1 intermediate shaft 30.2 tons per square inch 31.5% Elongation in 3"



Fee (if any chargeable) £  
To be paid at **Düsseldorf.**



© 2020

Lloyd's Register Foundation

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