

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 34565 Port GLASGOW)

Order 15245.

No. 17961 **ENGINE FORGINGS OR CASTINGS**

I have to report that the ~~Iron~~ **Steel Forgings** ~~or Castings~~ 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 thrustshaft, **1** intermediate shaft.

Mark on Forgings or Castings.

Lloyd's
No. 9047, 9048.
K.H. 11.13.

Düsseldorf, 12th November 1913.

Karl Haupt

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material		annealed Siemens-Martin Ingotsteel		
How made		forged	forged	
Dimensions		15 1/4" diam.	14 3/4" diam.	
Progress on Inspection		rough turned	rough turned	
Tests on Standard Test Pieces.		diameter .798" No. 9047.	diameter .798" No. 9048.	
Tensile Test—				
Tons per square inch		29.2		
Extension per cent		31.5		
Cold Bending Test—				
Angle before fracture		180 degr. good.	180 degr. good.	
Dates when Inspected		4, 11/11.1913.	4, 11/11.1913.	

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.



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David Rowland
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Lloyd's Register
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ENGINE FORSINGS OVERSINKS

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