

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port M

Order 59877.

No. 15606. ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Forgings~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Haniel & Lueg of Düsseldorf for the Engines No. 2097 being constructed by North Eastern Marine Eng. Co. of Sunderland 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.

**Lloyd's**  
No. 204.  
J.D. 11.12.

Düsseldorf 7th November 1912.

*James C. Dykes.*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	/	Annealed S.M. Acidst.	
How made ...			forged	
Dimensions ...			12 3/8" diam.	
Progress on } Inspection }			rough turned	
Tests on Standard Test Pieces.			diameter .798"	
Tensile Test— Tons per square inch ...			29,1	
Extension per cent ...			33,2	
Cold Bending Test— Angle before fracture ...			180 degr. good	
Dates when Inspected	16. & 23. 10. 1912.			
	6. 11. 1912.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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



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Foundation

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