

64.

Received at

Office.

19

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

(Report on Machinery, No.

Port

Order 7919/5028.

No. 19121

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~XXXXXX~~ Steel Forgings ~~XXXXXX~~, as herein described, manufactured by Messrs. Friedr. Krupp, A.-G., of Essen - Ruhr. for the Engines No. 336. being constructed by Messrs. Workman Clark & Co., Ltd., of Belfast. 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.

Mark on Forgings or Castings.

Lloyd's
No. 50.
E.K.5.14.

Düsseldorf, 4th of June 1914.

to Krupp

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	?	annealed Siemens Martin Ingotsteel		
How made ...		forged		
Dimensions ...		29 1/8" diam. ✓		
Progress on Inspection {		rough turned diameter .798" ✓		
Tests on Standard Test Pieces.				
Tensile Test—		30.1 ✓		
Tons per square inch ...		31.5 ✓		
Extension per cent ...				
Cold Bending Test—		180 degr. good.		
Angle before fracture ...		25/29/5.1914.		
Dates when Inspected				

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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Lloyd's Register
Foundation

W1102-0274

If of iron, state whether scrub or puddled iron. If of steel, state whether made on the open hearth process.

To be made at **Dunfermline**
 For (if any) purposes) to

Particulars of other tests applied to castings:-

Notes upon inspection	
Tests before casting	
Chemical analysis	
Temple Test	
Tests on standard	
Inspection	
Dimensions	
How made	
Materials	

CRANK SHAFT.

STRAIGHT SHAPING.

THRU SHAFT.

INTERMEDIATE SHAFT.

WHEELS AND

22/28/2.1014.

180 def. Good.

21.2

20.1

diameter .308.

rough turned

20 1/8" diam.

rolled

Martin ingots of
 annealed 3160

Dunfermline, 4th of June 1914.

W1102-0274

Belfast
Markman Clark & Co.
336
Thrust Shaft
for the ship No. 238.

rolling and free from defects.

for the ship No. 238. being constructed by Messrs. F. & J. Clark & Co., Ltd., of Belfast.

I have to report that the ~~thrust shaft~~ *thrust shaft* as herein described

10/11/14
ENGINE FORGINGS
 Report on Machinery No.

Lloyd's Register of British & Foreign Shipping.

For the information of Surveyors and the Committee only.