

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port

Order 62605/02702

No. 19718.

ENGINE FORGINGS OR CASTINGS

253

I have to report that the ~~Engine~~ Steel Forgings ~~and Castings~~ as herein described, manufactured by ~~Messrs.~~ **Haniel & Lueg** of **Dusseldorf-Grafenberg** for the Engines No. **92** being constructed by **The Parsons Marine Steam Turbine Co., Ltd.** of **Newcastle on Tyne** 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 long steel shaft, 1 nut,

Mark on Forgings or Castings.

Lloyd's
No. 348,347
W.S. 9,13.

Dusseldorf 30th, September 1913.

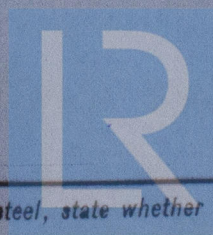
W. G. G. G. G.

	STEEL SHAFT.	NUY	STRAIGHT SHAFTING.	
			INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	annealed Siemens Martin Ingots steel			
How made	forged	forged		
Dimensions	10" diam.			
Progress on Inspection	rough turned			
Tests on Standard Test Pieces.	No. 348	No. 347		
Tensile Test—				
Tons per square inch	35.4	27.7		
Extension per cent	28.6	31.3		
Cold Bending Test—				
Angle before fracture	180 degr. good.	180 degr. good.		
Dates when Inspected	27/8. 3.10/9.1913.	3. 19/9.1913.		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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

* 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

W49-0148

If of iron, state whether set or buddled iron. If of steel, state whether made on the Open Hearth process.

To be bound at **Dunfermline**
 See (if any) chapters 1 & 2.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:

Dates when inspected 18/10/1913. 2. 10/10/1913.			
Trip before casting	180 deg. Good.	180 deg. Good.	
Cold bending Test—			
Specimen bent over	88°	91°	
Tensile Test—	32°	63°	
Test of bloom			
Tests on standard	No. 340	diameter .300"	
Inspection of		rough turned	
Fracture on			
Diameter on	10" diam.		
How made	Forged	Forged	
Material	Quenched & tempered Mild Steel		
	STEEL SHAFT.	INTERMEDIATE SHAFT.	PROPELLER SHAFT.
	11 1/2		

A.S. 9.12.
No. 340, 345
11 1/2"
 Mark on Vee-bore on casting.

Dunfermline 20th September 1913.

I find steel shaft, 11 1/2"
be seen, sound and free from defects,
 have been inspected by me as set forth below, and found to be so far as can
 of

of, Manufacture on the for the Ship No. **CO. Ltd.** being built by
 for the Engines No. 22 being constructed by The Parsons Marine Steam Turbine
 manufactured by Messrs. Harland & Wolff of Glasgow-Glasgow
 I have to report that the **Marine Steel Forgings** manufactured as herein described,

ENGINE FORGINGS OF CASTINGS
Order 65802, 10/10/13.

Report on Machinery, No.

Port

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

Ref. A.

For the information of Surveyors and the Committee only.

Examined on

1913

18

The above particulars of Castings, 1802 & 1803, should be signed and sealed by the Surveyor.