

Engines made at Newcastle
Boilers made at

By whom made Swan Hunter & Wigham Richardson
By whom made

To
Atkinson

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port _____)

Number 60881/60297

No. 16633

ENGINE FORGINGS OR CASTINGS

204

I have to report that the ~~xxxxx~~ Steel Forgings ~~or castings~~, as herein described, manufactured by Messrs. Haniel & Lueg of Düsseldorf-Grafenberg for the Engines No. 916 being constructed by Swan Hunter & Wigham Richardson 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.

2 Thrust shafts, 2 Intermediate shafts, 3 Propeller shafts

Forgings or Castings.

Lloyd's

Düsseldorf 17th. April 1913.

No. 2754-5-6-7, 2753, 2787, 2788.

L.B.4.13.

M. Heig

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT. INTERMEDIATE SHAFTS. PROPELLER SHAFT.

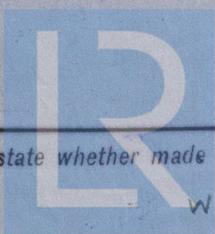
	STRAIGHT SHAFTING.		
	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
	annealed	Siemens Martin	Acidsteel
	forged	forged	forged
	9 3/8" diam.	9 1/16"	9 1/2" diam.
	rough turned	rough turned	rough turned
	No. 2754-2755	diameter .798 No. 2787 2753	diameter .798"
Test—	29.7	30.7 31.1	see below.
per square inch	33.8	32.6 31.3	
in per cent			
ending Test—	180 degr.good.	180 degr.good.	180 degr.good.
before fracture			
Inspected	7. 14/4.1913.	7.14.16/4.1913.	7. 14. 16/4.1913

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

No. 2756	3	Propeller shaft	30.4 tons per square inch	31.9% Elong. in 3"
2757	1	do	30.4	31.3%
2788	1	do	29.9	33.8%

(if any chargeable) £
To be paid at Düsseldorf

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

W470-0054

Thickness of girder at centre Length as per rule Distance apart Number and pitch of Working pressure by rules Superheater or Steam chest; how connected to boiler Can the superheater be