

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

Order 1652/53. (Report on Machinery, No. 24404 Port Sunderland)

No. 10496. ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Iron~~ Steel Forgings ~~or castings~~, as herein described, manufactured by Bochumer Verein für Gussstahl f. of Bochum, Westfalen for the Engines No. 1924 being constructed by North Eastern Marine Eng Co of Sunderland for the Ship No. 130, being built by Messrs. Craig Taylor & Co. of Thornaby on Tees 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 Journals.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out if they may be required.

Mark on Forgings.

Lloyd's
No. 3375.
P.A. 10.09.

Düsseldorf 6th. November 1909.

P. Abel

		STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	CRANK SHAFT. <u>Annealed Siemens</u>	/	/	/
How made	<u>Martin Ingotsteel</u>			
Dimensions	<u>forged</u>			
Progress on Inspection	<u>13 1/8" diam.</u>			
Dates when Inspected	<u>rough turned</u>			
	<u>13. 10. 30. 10.</u>			
	<u>5. 11. 1909.</u>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:—

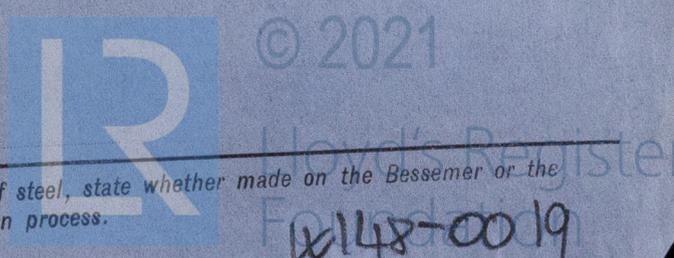
Tensile strength 29,9 Tons per square inch 30,3% Elongation in 3"
Diameter of sample .798"

Bend good.

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 Bessemer or the Siemens-Martin process.



W148-0019



Lloyd's Register of Shipping

Order 1882/23. Report on Machinery No. 139

ENGINE FORGINGS

I have to report that the crank steel forgings described... manufactured by Bochumer Verein für Gußstahl... North Eastern Marine Eng. Co. of Sunderland... Messrs. Craig Taylor & Co. of Thornaby on Tees... have been inspected by me as set forth below, and found to be as far as can be seen, sound and free from defects.

2 Journals.

Düsseldorf 6th. November 1909.

[Signature]

F.A.10.09. No. 3375. Lloyd's Register of Shipping

Material	How made	Dimensions	Progress on inspection	Dates when inspected
CRANK SHAFT Annealed Siemens	Forged	12 1/8" diam.	Tough turned	5. 11. 1909.
Martin Ingots				
THRUST SHAFT				
INTERMEDIATE SHAFT				
STRAIGHT SHAFTING				
PROPELLER SHAFT				

PARTICULARS OF TESTS APPLIED TO CASTINGS:

Tensile strength 29 1/2 Tons per square inch 30 3/4 Elongation in 3" Diameter of sample .798"

Bend good.

