

Received at Office 10

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

(Report on Machinery, No. 2400 Port Sunderland)

Order 1652/53.

No. 10492. **ENGINE FORGINGS OR CASTINGS.**

I have to report that the ~~Iron~~ **Steel Forgings or Castings**, as herein described, manufactured by **Bochumer Verein für Gussstahl** of **Bochum, Westfalen** for the Engines No. 1924 being constructed by **North Eastern Marine Eng. Co.** of **Sunderland** for the Ship No. 139, 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.**

4 Journals.

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

Mark on Forgings.

Lloyd's
No. 4936-37.
K.H.11.09.

Düsseldorf 6th. November 1909.

STRAIGHT SHAFTING.

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

PARTICULARS OF TESTS APPLIED TO CASTINGS:—

4936. 2 Journals 28,7 Tons per square inch 34,2% Elongation in 3"

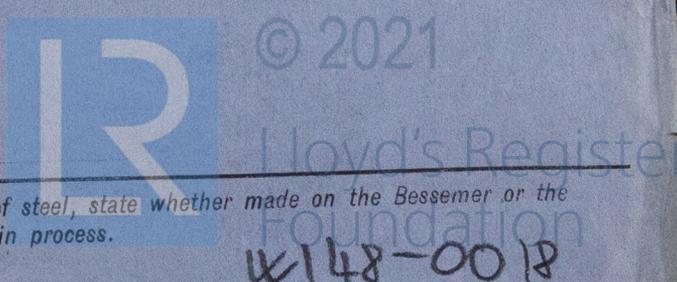
4937. 2 Journals 30,9 Tons per square inch 30,3% Elongation in 3"
diameter of sample .798"

Bends good.

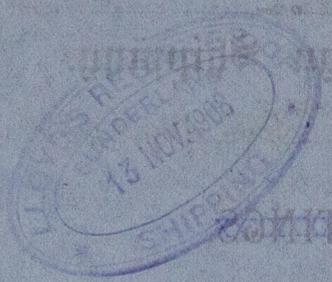
Fee (if any chargeable) £ : - :

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.



For the information of Surveyors and the Committee only



K. Lloyd's Register of British & Foreign Shipping

Report on Machinery

Order 1882/53

ENGINE FORGINGS ON CASTINGS

I have to report that the IRON STEEL Forgings on Castings as herein described manufactured by Maschinen Verein für Gustastahl... for the engine No. 139... being built for the ship No. 139... of Messrs. Gray Taylor & Co. has been inspected by me as set forth below and found to be so far as can be seen sound and free from defects.

4 Journals.

Düsseldorf 6th November 1909.

[Handwritten signature]

1882/53
No. 1882-37
K.R. 11.09.

PROPELLER SHAFT	INTERMEDIATE SHAFTS	THRUST SHAFT	CRANK SHAFT	Annexed Shafts	Material	How made	Dimensions	Process on Inspection	Date when Inspected
					Martin's Ingots	Forged	13 1/8" diam.	rough turned	13. 10. 1909.
									5. 11. 1909.

PARTICULARS OF TESTS APPLIED TO CASTINGS

4936. 2 Journals 28.7 Tons per square inch 34% Elongation in 3"
4937. 2 Journals 30.9 Tons per square inch 30% Elongation in 3"
diameter of sample .798"

Finds good.

