

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

Order 1652/53.

(Report on Machinery, No. 24404

Port

Sunderland

No. 10636.

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or 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.

1 Thrustshaft, 3 Intermediate shaft, & 1 Propellershaft.

Mark on Forgings.

Lloyd's

No. 6487, 6493, 6502-3-4.

J.M.12.09.

Düsseldorf 18th. December 1909.

STRAIGHT SHAFTING.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*		Annealed	Siemens	Martin
How made		forged	forged	forged
Dimensions		12 1/2" diam.	12 1/4" diam.	14 1/8" diam.
Progress on Inspection		rough turned	rough turned	rough turned
Dates when Inspected		16. 11. 1909.	19.11.23.11.09.	16. 11. 1909.
		16. 12. 1909.	16. 12. 1909.	16. 12. 1909.

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

6487. 1 Thrustshaft 28,7 Tons per square inch 32,8% Elongation in 3"  
 6504. 1 Intermediate shaft 30,9 Tons per square inch 31,6% Elongation in 3"  
 6502. 1 Intermediate shaft 30,7 Tons per square inch 31,6% Elongation in 3"  
 6503. 1 Intermediate shaft 31,6 Tons per square inch 30,2% Elongation in 3"  
 6493. 1 Propellershaft 28,9 Tons per square inch 32,2% 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.



is too hard to think of a letter, especially one as long as this, without some reference to the weather. I am writing this on a rainy day.

1984  
 1984  
 1984

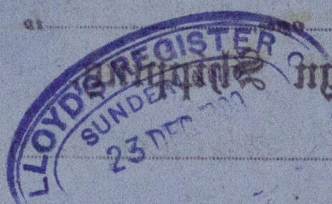
4-3-2078, 3943, 7843

Düsseldorf 18th. December 1909.

No. 10836.

Order 1638/53.

(Report on Machinery, No. 10)



I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by Hochmayer Werke in the Querschnitt of Bochum, Westfalen for the Engines No. 1224 being constructed by North Western Marine Eng. Co. of Sunderland for the Ship No. 122, being built by Messrs. C. & J. Taylor & Co. of Thornaby on Tyne have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

Material	How made	Dimensions	Progress on Inspection	Dates when Inspected
CRANK SHAFT.				
THRU SHAF.	annealed	12 1/2" diam.	rough turned	16. 12. 1900.
INTERMEDIATE SHAFT.	annealed	12 1/4" diam.	rough turned	16. 12. 1900.
PROPELLER SHAFT.	casted	14 1/2" diam.	rough turned	16. 12. 1900.

PARTICULARS OF TESTS APPLIED TO CASTINGS:—

: : 2 (ရပ်ကွက်အလိုက်) အရ  
 : : 3 (ရပ်ကွက်အလိုက်) အရ

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.