

Duplicate.

Ept. 7.

For the information of Surveyors and the Committee only.

Comm: 17035.

Received at

Office,

10

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 14327 Port HAMBURG)

## No. 19341. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Gutehoffnungs-Hütte of Oberhausen for the Engines No. 51 being constructed by Messrs. A.G., Neptun<sup>re</sup> of Rostock for the Ship No. 344, being built by Messrs. A.G., Neptun<sup>re</sup> of Rostock have been inspected by me as set forth below, and found to be, so far as can be seen, 1 intermediate shaft, 1 propeller shaft, sound and free from defects.

Mark on Forgings or Castings.

Düsseldorf, 1st of July 1914.  
signed: E. Fraeserf.

Lloyd's

No. 51/52.

E.F. 8.14.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...			Annealed Martin Ingot Steel.	
How made ...			forged	forged
Dimensions ...			16 3/16"	17 1/4"
Progress on Inspection {			rough turned	rough turned
Tests on Standard Test Pieces.			.798 3"	.798 3"
Tensile Test—			No: 51.	No: 52.
Tons per square inch ...			30.6	30.6
Extension per cent ...			32.8	32.8
Cold Bending Test—			180 degr. good	180 degr. good.
Angle before fracture ...			23/30. 6. 14.	23/30. 6. 14.
Notes when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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 Open Hearth process.

L.B. T.

008784-068745-0045

008784-068745-0047

If stiffness when rings

Are they fitted with easing gear