

W283-0044

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

10

# Lloyd's Register of Shipping.

Order: 89548.

(Report on Machinery, No.

Port

No. 21320.

ENGINE FORGINGS ~~OR CASTINGS~~

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

I have to report that the ~~xxxx~~ Steel Forgings ~~or castings~~, as herein described, manufactured by Messrs. Haniel & Lueg G.m.b.H. of Düsseldorf for the Engines No. 860 being constructed by Messrs. Wallsend Slipw. & Eng. Co of Wallsend 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, 3 Piston rods sound and free from surface defects.-

Mark on Forgings or Castings.

Lloyd's

Düsseldorf 27th November 1924.

No. 5776/5777/5778.

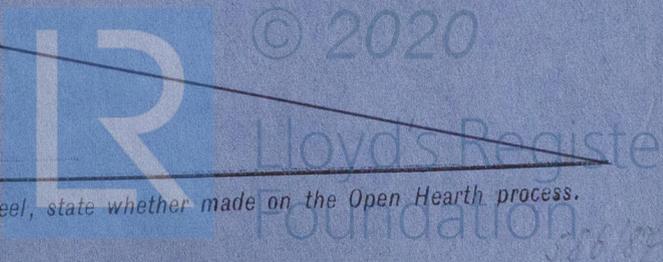
M.B.14.11.24.

	—STRAIGHT SHAFTING—			PROPELLER SHAFT.
	<del>XXXXXXXXXXXX</del> 1 piston rod	1 piston rod	1 piston rod	
Material*	5776 Annealed Siemens	5777 Martin	5778 Acid Steel	
How made	forged	forged	forged	
Dimensions	5 3/4 " ø	5 3/4 " ø	5 3/4 " ø	
Progress on Inspection	rough turned	rough turned	rough turned	
Tests on Standard Test Pieces.	.798 3"	.798 3"	.798 3"	
Tensile Test— Tons per square inch	38,4	38,8	38,2	
Extension per cent	29,9	28,6	26,-	
Cold Bending Test— Angle before fracture	180 degr. good	180 degr. good	180 degr. good	
Dates when Inspected	14.11.24.	14.11.24.	14.11.24.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material has been ordered to special requirements.

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.

5776/24