

W283-0040

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 10

Lloyd's Register of Shipping.

Order: 89548/89613. (Report on Machinery, No. _____ Port _____)

No. 11414 ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron or 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 Cross heads, 6 Journals, 3 Pins and 1 Propeller shaft sound and free from surface defects.

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

Mark on Forgings or Castings.

Lloyd's
No 1026/1027/1028.
J.Q. 16.12.24.

Düsseldorf 17th December 1924.

J. C. Quack
Surveyor to Lloyd's Register

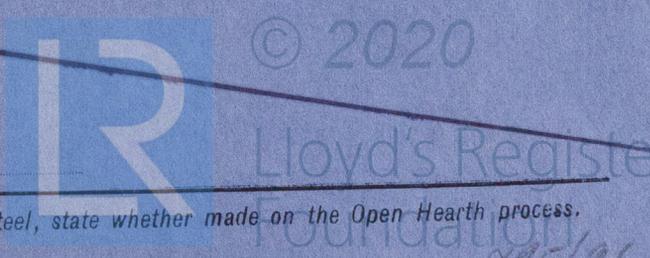
	CRANK SHAFT.	STRAIGHT SHAFTING.		
		3 cross heads 1026	6 journals 1027	1 PROPELLER SHAFT. 1028
Material* ...	/	Annæled Siemens Martin Acid Steel		
How made ...		forged	forged	forged
Dimensions ...		6" ϕ	12 3/4" ϕ	12 13/16" ϕ
Progress on Inspection }		rough turned	rough turned	rough turned
Tests on Standard Test Pieces.		.798 3"	.798 3"	.798 3"
Tensile Test— Tons per square inch ...		37,-	28,9	30,7
Extension per cent ...		26,-	33,8	31,3
Cold Bending Test— Angle before fracture ...		180 degr. good	180 degr. good	180 degr. good
Dates when Inspected	16.12.24.	16.12.24.	16.12.24.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material for the cross heads 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.



295/96