

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

Order: 162672.

(Report on Machinery, No.

Port

)

No. 25831

ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. 14 being constructed by of for the Ship No. 156, being built by Messrs. Kockums mek. Verkstad of Malmö have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Malmö.

m Forgings or Castings.

Lloyd's

Düsseldorf 4th November 1927.

No. 13210.

K.H. 3.11.27.

1 three throw built up crank shaft.

	CRANK SHAFT		PROPELLER SHAFT		INTERMEDIATE SHAFT		PISTON SHAFT	
	6 webs		2 journals		3 pins		2 pins	
	STEEL		STEEL		STEEL		STEEL	
Material	Annealed		Siemens Martin		Ingot Steel			
Manufacture	forged		forged		forged		forged	
Heat-treated	Yes		Yes		Yes		Yes	
Dimensions, Forgings			360 mm Ø		360 mm Ø		360 mm Ø	
Weight, Castings								
Pressure on inspection	rough turned and finished		rough turned and finished		rough turned and finished		rough turned and finished	
Tests on Standard Test Pieces.	.798	3"	.798	3"	.798	3"	.798	3"
Side Test—	31.6	31.4	30.4	29.7	31.8		28.2	
tons per square inch								
Extension per cent	30.6	33.3	34.0	33.3	28.0		32.0	
Bending Test—	180 degr. good		180 degr. good		180 degr. good		180 degr. good	
Angle before fracture								
Dates when Inspected	3.11.27.		3.11.27.		3.11.27.		3.11.27.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at Düsseldorf.

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

on 7.27.

002109-002118-0203

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