

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port

Newcastle on Tyne
February 25th 1918

No. 15945 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 ~~Iron or~~ Steel Forgings or ~~Castings~~, as herein described, manufactured by Messrs John Spencer & Co of Newcastle on Tyne for the Engines No. 2932 being constructed by North Eastern Marine of ~~Waltham~~ 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, *Satisfactory*

Mark on Forgings or Castings.

Lloyd's
No. 3185
XXI

John McWhirter

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<i>Open hearth steel</i>			
How made ...	<i>Hydraulic pressed</i>			
Dimensions ...	<i>1.2 1/2</i>	<i>1.2 1/2</i>	<i>1.1 1/2</i>	<i>1.2 1/2</i>
Progress on Inspection }	<i>Satisfactory</i>			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	<i>31.0</i>	<i>30.2</i>	<i>31.2</i>	<i>31.0</i>
Extension per cent	<i>30%</i>	<i>30%</i>	<i>33%</i>	<i>35%</i>
Cold Bending Test— Angle before fracture	<i>180%</i>	<i>180%</i> <i>round force 1 x 1/4</i>	<i>180%</i>	<i>180%</i>
Dates when Inspected	<i>February 18. 1918</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at



© 2020

Lloyd's Register

Foundation

IRD

S.S. WAR BUFFALO
NEWCASTLE ON TYNE.

Report No. 71020



© 2020

Lloyd's Register
Foundation