

Ept. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

10

Lloyd's Register of Shipping.

(Report on Machinery, No. *30336* Port *Manchester*)

No. *4.*

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Richardsons, Westport & Co. Ltd. of Hurtlepool* for the Engines No. *being constructed by Crossley Bros. Ltd. of Manchester* for the Ship No. *being built by*

have been inspected by me as set forth below, and found to be, so far as can be seen, *sound, rough turned & tested sound*

Order CP/134750/16/X/34851

Mark on Forgings or Castings.

Lloyd's

No. *5891*
19/2/17 ab.

A. Ryd.

West Hurtlepool
9/3/17

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<i>/</i>	<i>One high steel</i>	<i>/</i>	<i>/</i>
How made ...		<i>forged.</i>		
Dimensions ...		<i>4 5/8 dia.</i>		
Progress on Inspection }		<i>insp'd, tested & rough turned</i>		
Tests on Standard Test Pieces.				
Tensile Test—		<i>(C2) 31.1 tons</i>		
Tons per square inch ...		<i>30.4%</i>		
Extension per cent ...		<i>180°</i>		
Cold Bending Test—				
Angle before fracture ...				
Dates when Inspected		<i>5th 12th Aug 1917</i>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fitted Christopher Dixon.

Fee (if any chargeable) £ *Channing Kent.*
To be paid at

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.