

For the information of Surveyors and the Committee only.

Received at

Office,

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# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port *Newcastle*)

## No. *16679*. ENGINE FORGINGS OR CASTINGS

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by *Smith's Forge Co.* of *Wallsend* for the Engines No. *352* being constructed by *Shields Engineering Co.* of *North Shields* 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, *Sound*

Mark on Forgings or Castings.

Lloyd's

No. *4526.N*

*W.C.*

*W. Campbell*

*Newcastle*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<i>Scrap Iron</i>	<i>Scrap Steel</i>		<i>Scrap Iron</i>
How made	<i>Forged</i>	<i>Forged</i>		<i>Forged</i>
Dimensions	<i>9 1/2</i>	<i>8 3/4</i>		<i>10</i>
Progress on Inspection	<i>Forged</i>	<i>Forged</i>		<i>Forged</i>
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch				
Extension per cent				
Cold Bending Test—				
Angle before fracture				
Dates when Inspected	<i>May 16-1919</i>	<i>June 18-1919</i>		<i>May 16-1919</i>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*Crank, Thrust and Propeller shafts examined finished and found good.*  
*and satisfactory*  
 Nos. = *4335, 4720, 4526.*

Fee (if any chargeable) £  
 To be paid at

*W. Lindale*  
*Newcastle-on-Tyne*

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