

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____

No. 4013

ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by The Yorkshire Engine Co. Ltd of Sheffield for the Engines No. _____ being constructed by Messrs Newton Beam & Mitchell of Bradford 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

on Forgings or Castings.

Lloyd's

No. _____

W. & Hume

Sheffield 16/10/19

	CRANK SHAFT.		STRAIGHT SHAFTING.	
	5 Connecting Rods	3 Crossheads	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Siemens Steel</u>	<u>Siemens Steel</u>		<u>No 635 Siemens Steel</u>
Made	<u>Forged</u>			<u>Forged</u>
Dimensions				
Process on Inspection	<u>Rough Machined</u>	<u>Rough Machined</u>		<u>Rough Machined</u>
on Standard Test Pieces.	<u>No 51</u>	<u>No 52</u>		<u>No 50</u>
Test—				
per square inch	<u>31'1</u>	<u>30'0</u>		<u>30'0</u>
Extension per cent	<u>29</u>	<u>31</u>		<u>30</u>
Bending Test—				
angle before fracture	<u>180°</u>	<u>180°</u>		<u>180</u>
Dates when Inspected	<u>19/9/18</u>	<u>31/3/19</u>		<u>19/9/19 - 31/3/19</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

✱

The Propeller shaft marked N° 635, W. & H. has been fitted in Concrete Luff "Bretewheel, N° 36.

The Propeller shaft marked N° 1000, P.T.B. made by Messrs Grant, Ritchie & Co. Tilmarnock is fitted in "Breteblock" N° 35.

Fee (if any chargeable) £ ✓
To be paid at _____

Ed. W. Hutton

Sunderland

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