

# Lloyd's Register of Shipping.

Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_

No. **F.3316.**

## ENGINE FORGINGS ~~OR CASTINGS~~

FORGINGS or CASTINGS should be struck out as may be required.

I have to report that the Forgings ~~or Castings~~ as herein described, manufactured by <sup>Messrs.</sup> **Messrs. Mitchell Shackleton & Co. Ltd.,** of **Patricroft** for the Engines Nos. <sup>3842</sup> ~~3843~~ being constructed by <sup>Sesame</sup> **Messrs. Russell Newbery & Co. J.2533/5** of **Altrincham** for the Ship No. **7**, being built by **Messrs. C. D. Holmes & Co.,** of **Hull** 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 ~~inspected~~ installed in Engines Nos. **3842 and 3843.**

on Forgings ~~or Castings~~

Lloyd's			
No. <b>1841</b>	<b>2156</b>		
<b>7.10.43. FH.</b>	<b>1.11.43. FH.</b>		<b>MANCHESTER. 17.2.44.</b>

*S. Knowles for A. Hulling*

	<del>1 CRANK SHAFT.</del> <b>1 CRANK SHAFT.</b> <b>1841</b> <b>(Engine 3842)</b> <del>WHEEL SHAFT</del>	<del>1 CRANK SHAFT.</del>	<del>1 CRANK SHAFT.</del> <b>1 CRANK SHAFT.</b> <b>2156</b> <b>(Engine 3843)</b>	<del>1 CRANK SHAFT.</del>
Material	O. H. Steel.			
Made	Forged.			
Annealed	Heat treated.			
Dimensions	Pins $2\frac{3}{8}$ " Journals $2\frac{1}{2}$ "			
Weight	-			
Weight, Castings	-			
Process on Inspection	Finished.			
<b>BEST RESULTS.</b>				
Ultimate Tensile. Tons per sq. in.	<b>43.2</b>		<b>38.0</b>	
Yield Point. Tons per sq. in.	<b>32.8</b>		<b>21.6</b>	
Extension per cent. on 2 inches	<b>30.0</b>		<b>29.0</b>	
Red. of Area %	<b>65.8</b>		<b>47.2</b>	
Cold Bending Test	<b>72, 73, 76.</b>		<b>180°</b>	
Dates when Inspected	<b>8.3.43</b>	<b>to</b>	<b>1.11.43.</b>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) - To be paid at -

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

