

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730 Port GLASGOW)
Middlessex

No. 31680 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs T. Firth & J. Brown Ltd., of Sheffield for the ~~Engines~~ No. 99/38 ^{order} ~~being constructed~~ by Messrs J. Brown & Co., Ltd., of Clydeside for the Ship H.M.S. "HULL" being built by _____ of _____

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 despatched to _____

Mark on Forgings or Castings.

Chas. S. Porter

Lloyd's
 No. see above
 C.S.P. 3/6/38

2 Pinion Spindles

Sheffield 10/6/38

	CRANK SHAFT ✓ S. 8184	THRUST SHAFT ✓ S. 8185	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material * ...	<u>Seem's</u>	<u>Steel</u>		
How made ...		<u>Forged</u>		
If Heat Treated ...		<u>Yes</u>		
Dimensions, Forgings		<u>14 1/4"</u>		
Weight, Castings	<u>3-14-3-21</u>	<u>3-14-3-8</u>		
Progress on Inspection {	<u>Rough</u>	<u>Flaired</u>		
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	<u>35.8</u>	<u>38.4</u>		
Extension per cent <u>3"</u>	<u>28.0</u>	<u>25.0</u>		
Cold Bending Test— Angle before fracture	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>20/5/38</u>	<u>to</u>	<u>3/6/38</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Nº 8185 J.H.P. Spindle
14º 8184 J.P. "

Fee (if any chargeable) £ 5-12-6 To be paid at Sheffield

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

