

Alison

By whom made *British Auxiliaries Ltd.*

Engine No. *16*

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. *53980* Port *GLASGOW*)

No *24015* ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by *The Rotherham Forge & Rolling Mills Co. Ltd. of Rotherham* for the Engines No. *E. 133* being constructed by *Messrs British Auxiliaries Ltd* of *Glasgow* for the Ship No. _____, being built by _____ of _____

^S 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.

Lloyd's
No. *714*
M.R.B. *21/7/33*

One - 5 throas 163

W.A. Black
Sheffield
28/7/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<i>Siemens Steel</i>			
How made ...	<i>Forged</i>			
Annealed ...	<i>Yes</i>			
Dimensions, Forging	<i>220th dia shaft + pins</i>			
Weight, Castings				
Progress on Inspection	<i>Finished machined</i>			
Tests on Standard Test Pieces.	<i>T. 11 B.</i>			
Tensile Test—				
Tons per square inch	<i>33.6</i>	<i>33.3</i>		
YIELD	<i>20.6</i>	<i>21.0</i>		
Extension per cent	<i>27.0</i>	<i>28.0</i>		
Old Bending Test—				
Angle before fracture	<i>180 W.F.</i>	<i>180 W.F.</i>		
Dates when Inspected	<i>12/6/33 to 21/7/33</i>			

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.

