

# Lloyd's Register of Shipping.

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

## No. ET93 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by MITCHELL SHAKKLETON LD of MANCHESTER for the Engines No. 3538 being constructed by RUSSELL NEWBERN LD of ALTRINCHAM for the Ship No. \_\_\_\_\_, being built by "ALDERNEY QUEEN" of LONDON 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 FITTED TO ENGINE NO 3538

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

Mark on Forgings or Castings.

Lloyd's  
No. 9987  
HTM 121-40

*W. J. Mathison*

MANCHESTER  
27. 7. 40

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
				SCREW SHAFT.
Material* ...	<u>04 IN 50 T STEEL</u>			
How made ...	<u>FORGED</u>			
If Annealed...	<u>YES</u>			
Dimensions } Forgings	<u>2 3/8"</u>			
Weight } Castings	<u>/</u>			
Weight, Castings ...				
Progress on } Inspection	<u>ROUGH &amp; FINISHED</u>			
<b>TEST RESULTS.</b>				
Ultimate Tensile. Tons per sq. in. ...	<u>40.4.</u>			
Yield Point. Tons per sq. in. ...	<u>26.8.</u>			
Extension per cent on <u>2</u> inches ...	<u>28.5</u>			
Red. of Area % ...	<u>47.2</u>			
Cold Bending Test...	<u>180°</u>			
Dates when Inspected	<u>7. 11. 39 - 12. 1. 40</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-



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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.