

Rpt. 7

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19\_\_

# Lloyd's Register of Shipping.

(Report on Machinery, No. *32970* Port *Sunderland*)

*W.C. No. 6.10865*

## No. *F2745* ENGINE FORGINGS OR CASTINGS.

The words 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 *Messrs J. J. Foster & Son, Ltd.* of *Sunderland*.

for the ~~Engines~~ No. *1148/4* being ~~constructed~~ by *ORDER REPAIR* *Messrs N. E. Mann & Co. Ltd.* of *Welland/Leam*.

for the Ship No. \_\_\_\_\_, being built by *S/S Letchworth* of *Newcastle*

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 *engine works.*

Mark on Forgings or Castings.

Lloyd's  
 No. *3713*  
*269.11.840*

*A. E. Gallyford*  
*Sunderland*  
*23.8.40*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material * ...	<i>Sm. forged steel.</i>			
How made ...	<i>Forged.</i>			
If Annealed...	<i>Not treated.</i>			
Dimensions } Forgings	<i>As per plan</i>			
Weight. }	<i>6. 3. 0</i>			
Weight, Castings ...				
Progress on } Inspection	<i>Black forging.</i>			
TEST RESULTS.	<i>Test N° P. 258.</i>			
Ultimate Tensile. Tons per sq. in. ...	<i>29.3</i>			
Yield Point. Tons per sq. in. ...	<i>—</i>			
Extension per cent on.....inches ...	<i>34</i>			
Red. of Area % ...	<i>—</i>			
Cold Bending Test...	<i>180°</i>			
Dates when Inspected	<i>16.8.40 to 22.8.40</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*Forging machined, examined & found satisfactory*  
*Letchworth. 6/9/40.*

Fee (if any chargeable) *10/-*

To be paid at

SUNDERLAND

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

*W 410 - 000 6*

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