

20 AUG 1942

Received at

LONDON

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 110,594 Port Sunderland)No. F9443 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. J. S. Foster & Sons. of Sunderland for the ~~Engine No.~~ For the being constructed by S/S. Emerald. of Sunderland for the Ship No. , being built by

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 Messrs. Harland & Wolff. Ltd. London.

Chas. S. Porter

Sunderland 4/6/42

Lloyd's

No. 8529

CP. 3/6/42

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...				<u>S. M. Infot. Steel</u>
Grade ...				<u>Forged</u>
Heat-treated ...				<u>Heat-Treated</u>
Dimensions ...				<u>9" dia</u>
Forgings ...				<u>1-10-1-7</u>
Castings ...				
Location ...				<u>Forging & Machining</u>
RESULTS.				<u>2nd No 408</u>
Tensile strength per sq. in. ...				<u>29.6</u>
Yield point per sq. in. ...				
Elongation per cent ...				<u>34%</u>
Area % ...				<u>180</u>
Hardness Test ...				<u>20/5/42 - 3-6-42</u>
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Fitted with Continuous linerESP

APPLIED FOR - 5 JUN 1942

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J 325

(any chargeable) £ 1-12-6.To be paid at SUNDERLAND.

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