

Gross 4826

For the information of Surveyors and the Committee only.

1- OCT 1942

Received at _____ Office, _____ 19 _____

Lloyd's Register of Shipping.

(Report on Machinery, No. 57747) Port Hull.

No. F9494 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Wokingham Steel Co. Ltd. of Wokingham for the Engines No. _____ being constructed by _____ of _____ for the Ship S/S. "NELLIE" ^{REPAIR}, being built by Messrs. Stewart & Craig Ltd. of Hull.

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.

A. B. Galliford for self & C.S. Porter.

Sunderland.

18. 7. 42

Mark on Forgings or Castings.

Lloyd's
No. 7836
28. 15. 7. 42

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.	
	FLYWHEEL SHAFT.			SCREW SHAFT.	
Material* ...	/	/		<i>Sm. Eng. steel.</i>	
How made ...				<i>Forged.</i>	
Annealed... ..					<i>Heat treated</i>
Dimensions } Forgings					<i>14. 7" Dia</i>
Weight } Castings					<i>98. 00</i>
Progress on Inspection {					<i>Forging, testing & machining</i>
					<i>Test N. 669</i>
TEST RESULTS.					
Ultimate Tensile. Tons per sq. in. ...					<i>32.8</i>
Yield Point. Tons per sq. in. ...					<i>32</i>
Extension per cent on ... 2 ... inches ...			<i>180°</i>		
Red. of Area % ...			<i>3/15. 7. 42.</i>		
Cold Bending Test...					
Dates when Inspected					



PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Continuous Lines fitted.

The above Forging was Machined and finished by the Sunderland Forge and Engineering Co. Ltd.

APPLIED FOR 18 JUL 1942 REPAIR SUNDERLAND.

Fee (if any chargeable) £4 "3" 6

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.

W/200-0122