

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 S/B. "NELLIE" REPAIR for the Ship No. 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.

Mark on Forgings or Castings.

Lloyd's

No. 7836

22.9.15.7.42

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

Sunderland.

18.7.42

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material*				Sm. Ingot steel.
How made				Forged.
Annealed...				Heat treated
Dimensions				14.75" Dia.
Weight				98.00
Weight, Castings				
Progress on Inspection				Forging, testing & machining
				Test N° 669
TEST RESULTS.				
Ultimate Tensile.				32.8
Tons per sq. in. ...				
Yield Point.				32
Tons per sq. in. ...				
Extension per cent on 2 inches ...				180°
Red. of Area %				3/15.7.42.
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

Fee (if any chargeable) £4 "3" 6

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.