

S.S. Silverland

Office FEB -3 1939 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 39593 Port 560)

No. F285. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~Castings~~, as herein described, manufactured by MESSRS. MITCHELL, SHACKLETON & CO. LTD. of PATRICROFT. ^{AUXILIARY} for the Engines No. 44688/9, being constructed by MESSRS THE NATIONAL GAS & OIL ENG. CO. LTD. of ASHTON - UNDER - LYNE. for the Ship No. 588 "SILVER LAUREL", being built by MESSRS. J. L. THOMPSON & SONS. of SUNDERLAND.

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 IN ENGINES No. 44688/9.

Mark on Forgings ~~Castings~~

Lloyd's

No. 9458

9459

9465

GRC. 6.1.39.

GRC. 4.1.39.

J.H.L. 13.1.39.

George R. Chappell & Co. Manchester.
1.2.39.

	CRANK SHAFT. No 9458. FLYWHEEL SHAFT.	THRUST SHAFT. CRANKSHAFT. No 9459.	INTERMEDIATE SHAFT. 6. CONNECTING RODS No 9465.	TUBE SHAFT. SCREW SHAFT.
Material		FORGED.		
Made		D.H. IN GOT STEEL.		
Heat-treated		YES.		
Dimensions	PS. 5 1/2" JS. 5 5/8"	PS. 5 1/2" JS. 5 5/8"	✓	
Weight } Forgings	6. 3. 4	6. 3. 4.	✓	
Weight, Castings	✓	✓	✓	
Progress on Inspection	BLACK, ROUGH	2 FINISHED MACHINED.		
	No 9458	No 9459	No 9465.	
TEST RESULTS.				
Ultimate Tensile. Tons per sq. in.	39.8	39.8	28.8	
Yield Point. Tons per sq. in.	22.4	23.6	17.8	
Extension per cent on 2 inches	24	24.5	30	
Red. of Area %	41.6	43.6.	59.2.	
Cold Bending Test	180°	180°	180°	
Dates when Inspected	13/12/38 To	4/1/39.	20/12/38 To 4/1/39.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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