

Received at _____ Office, _____ 10

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 32483 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs Woodhouse & Reason of Sheffield ^{Order} for the ~~Engines~~ No. 104/A1 ~~being constructed by Messrs. J. & E. Hall Ltd., of Dartford~~ for the Ship No. _____, being built by Swan, Hunter & Wigham Richardson's Yard No. 1640 of _____ 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 _____

Mark on Forgings or Castings.

L. D. Lunnard.
Sheffield 5-7-39

Lloyd's
No. 32483
L.D.T. 22-6-39
30-6-39

2 Double

	CRANK SHAFTS	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	555	554 R.		
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	Steel	Steel	/	
How made	Forged			
Heat Annealed	Heat	treated		
Dimensions	3" dia			
Weight				
Weight, Castings				
Progress on Inspection	Rough	Finished		
TEST RESULTS.				
Ultimate Tensile. Tons per sq. in.	31.12	30.40		
Yield Point. Tons per sq. in.	17.36	25.60		
Extension per cent on 2 inches	33.0	32.0		
Red. of Area %	51.2	54.8		
Cold Bending Test.	180°	180°		
Dates when Inspected	9.6.39 to 22.6.39	9.6.39 to 30.6.39		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:--

The shafts were examined after final machining and found satisfactory. *DL*

Fee (if any chargeable) Monthly 9/- To be paid at Sheffield

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

003154-003161-0205

Brine

1 to each chamber.