

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 6579 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs Geo Brown & Sons Ltd of Stockton for the Engines ~~is~~ being ~~constructed~~ ^{repaired} by Richardson Westgarth & Co Ltd of Hartlepool for the Ship TACOMA STAR, being built by _____ 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 Hartlepool.

Forgings ~~or Castings~~

Ernest Muddelough

Lloyd's
No. 6519
22B 24/7/41

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Piston Rod.</u>			<u>SCREW SHAFT.</u>
	<u>FLYWHEEL SHAFT.</u>			
Material	<u>Sh Acid M Steel</u>			
Grade	<u>Forged</u>			
Sealed	<u>Yes</u>			
Dimensions	<u>0 4</u>			
Weight	<u>15-0-0</u>			
Material, Castings				
Process of Production	<u>Black Forging</u>			
TEST RESULTS.				
Ultimate Tensile strength per sq. in.	<u>38.5</u>			
Yield Point strength per sq. in.	<u>—</u>			
Elongation per cent in 3 inches	<u>35</u>			
Reduction of Area %	<u>180 WF</u>			
Bending Test	<u>180 WF</u>			
When Inspected	<u>21/7/41 to 24/7/41</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Examined in finished condition & found good.
Forwarded to Birkenhead.

had bend-on trials removed & renewed 40 & level by 70
(if any chargeable)

Clive Bell
W. Hartlepool
14/8/41

To be paid at Mull

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

Survey Fee (per Section 29) LMC £ 15 0 0
Special Damage - Repair Fee (if any) 52 10 0

19 NOV 1941

Lloyd's Register
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