

Net. 4482

Engines made at Newcastle

By whom Parsons Marine Steam
AIX

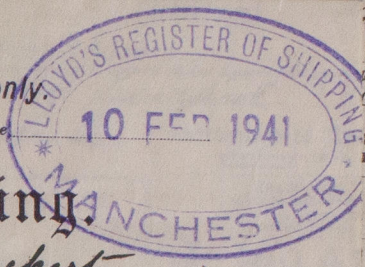
Rpt. 6.

For the information of Surveyors and the Committee only

Received at

Office

10 FEB 1941



Lloyd's Register of Shipping

(Report on Vessel No. 10377)

Port Manchester

No. F8904 SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel~~ Forgings or Castings, manufactured by Wolsingham Steel Ld of Wolsingham for the Vessel No. 10377, being built by S/S Mahanada of Wolsingham have been inspected by me as set forth below and found to be, so far as can be seen, Sound

Mark on Forgings or Castings.

Lloyd's
No. 580
JD 7.2.41

J Dale

New main post - Sunderland
7.2.41

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*		<u>1 1/2 Ingot - Steel</u>	
How made		<u>Forged</u>	
If annealed		<u>yes</u>	
Dimensions		<u>10 1/2 to 8 dia.</u>	
Progress on Inspection		<u>Forging & Machining</u>	
Date when Inspected		<u>7.2.41</u>	
CASTINGS.			
Tests on Standard Test Pieces.		<u>Test No 160</u>	
Tensile Test—			
Ultimate Tensile.		<u>36.0</u>	
Tons per sq. in.			
Yield Point.			
Tons per sq. in.			
Extension per cent on 2 inches		<u>32 1/2</u>	
Red. of Area %			
Cold Bending Test—			
Angle before fracture		<u>180</u>	
Drop Test—			
Height from ground			
Hammering Test—			
If made according to Rules and found satisfactory			

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

New main post - old arms fitted, new plate fitted & riveted, two new pinches fitted.

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

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7 FEB 1941

Fee (if any chargeable) £ 4 : 2 : 3

To be paid at SUNDERLAND.

* If of Iron, state whether scrap or puddled iron. If of Steel, state whether made on the Open Hearth process.

5m.11.33. T.

Special Damage or Repair Fee (if any) £

Received by me.

DR Walburn

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.