

Lloyd's Register of Shipping.

(Report on Machinery, No. 39429)

Port

12 DEC. 1928

No. 1643 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs The Rotherham Forge & R. Mills Ltd. of Rotherham for the Engines No. 577 being constructed by Messrs Amos & Smell Ltd. of Hull for the Ship No. , 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

Mark on Forgings or Castings.

Lloyd's

No. 8232

1 P. 26/11/28.

J. P. Pringle
Sheffield
9/12/28.

	CRANK SHAFT.	/ THRUST SHAFT.	/ INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Tail Shaft.</u>			<u>1 Journal</u>
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens</u>	<u>Steel</u>	<u>Siemens</u>	<u>Steel</u>
How made ...	<u>Forged</u>		<u>Forged</u>	
Annealed ...	<u>Yes</u>		<u>Yes</u>	
Dimensions, Forgings	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Weight, Castings	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Progress on Inspection }	<u>Black</u>	<u>Forgings</u>	<u>Black.</u>	<u>Forgings</u>
Tests on Standard Test Pieces.	<u>393.</u>		<u>392.</u>	
Tensile Test—	<u>29.0</u>		<u>29.6</u>	
Tons per square inch	<u>31.0</u>		<u>32.0</u>	
Extension per cent	<u>180°.</u>		<u>180°.</u>	
Bending Test—	<u>180°.</u>		<u>180°.</u>	
Angle before fracture				
Dates when Inspected	<u>21/11/28 to 26/11/28.</u>		<u>21/11/28 to 26/11/28</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.