

Lloyd's Register of Shipping.

(Report on Machinery, No. 93628 Port Nure)No. 24613. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The English Steel Corporation Ltd of Sheffield for the Engines No. 283 being constructed by Wm. Parsons Marine Steam Turbine Co. Ltd of Waltham on Tyne 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. 974
M.A.B. 8/12/33

W. A. Black.
Sheffield
21/12/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1. H. P. Rotor</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>Dia. 4 3/4"</u>			
Weight, Castings				
Progress on Inspection }	<u>Rough Machined</u>			
Tests on Standard Test Pieces.	<u>4. 61349 B.</u>			
Tensile Test—				
Tons per square inch	<u>37.0</u>	<u>37.8</u>		
YIELD	<u>20.0</u>	<u>20.0</u>		
Extension per cent	<u>26.5</u>	<u>26.0</u>		
Cold Bending Test—				
Angle before fracture	<u>180° W</u>	<u>180° W</u>		
Dates when Inspected	<u>17/11/33 to 8/12/33</u>			

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.