

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 103234 Port Sheff.)

## No. 24534 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 Engine No. 9165E being constructed by Messrs Cammell Laird & Co. Ltd. of Birkenhead for the Ship No. \_\_\_\_\_, being built by "City of Hantow" 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. 915  
M.A.B. 15/11/33.

Ma Black.  
Sheffield  
1/12/33.

	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<u>1 Loose Coupling</u>			
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<u>Siemens Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>Dia 23.3"</u>			
Weight, Castings				
Progress on Inspection }	<u>Rough Machined</u>			
Tests on Standard Test Pieces.	<u>61678T.</u>			
Tensile Test—				
Tons per square inch ...	<u>29.8</u>			
YIELD	<u>114.5</u>			
Extension per cent <sup>3"</sup>	<u>32.0</u>			
Cold Bending Test—				
Angle before fracture ...	<u>180° W.F.</u>			
Dates when Inspected	<u>10/11/33 to 15/11/33</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*This fee includes Report No. 24494*

Fee (if any chargeable) £5 15-6

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.

