

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 103834 Port Lgn.)

No 24094 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. 9165E being constructed by Messrs Cammell Laird & Co. Ltd. of Birkenhead for the Ship No. , being built by City of Haver 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

on Forgings or Castings.

Lloyd's

No. as below

M.A.B. 11.11.33
14.11.33

M.A. Black.

Sheffield
17/11/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material		<u>Siemens</u>	<u>Steel</u>	
Made		<u>Forged</u>		
Heat-treated		<u>Yes</u>		
Dimensions, Forgings		<u>Dia 15.813"</u>	<u>Dia 15"</u>	
Weight, Castings				
Process on inspection		<u>Rough</u>	<u>Machined</u>	
Tests on Standard Test Pieces.		<u>R900</u>	<u>R908</u>	
Yield Test—		<u>61679 B.</u>	<u>61677 B.</u>	
Stress per square inch		<u>31.6</u>	<u>31.2</u>	<u>29.0</u>
Yield 5"		<u>18.0</u>	<u>17.0</u>	<u>14.0</u>
Tension per cent		<u>32.0</u>	<u>31.0</u>	<u>30.0</u>
Bending Test—		<u>180 W.F.</u>	<u>180 W.F.</u>	<u>180 W.F.</u>
Angle before fracture				
When Inspected		<u>3/11/33 to 11/11/33</u>	<u>10/11/33 to 14/11/33</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

See included on Report No 24534

(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.