

Lloyd's Register of Shipping.

(Report on Machinery, No. 98528 Port Mwe)

No. 24550 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 Messrs Parsons Marine Steam Turbine Co. Ltd of Walsend 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
Nos. as below
M.A.B. 1. 12. 33
5. 12. 33

M.A. Black
Sheffield
8/12/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.	<u>1 Pinion Sleeve</u>	<u>1 L. P. Rotor</u>	SCREW SHAFT.
Material* ...		<u>Nickel Steel</u>	<u>Siemens Steel</u>	
How made ...		<u>Forged</u>		
If Annealed ...		<u>Normalized & Tempered</u>	<u>Yes</u>	
Dimensions, Forgings		<u>20 1/4" dia x 13 1/2" dia x 20 1/2"</u>	<u>Dia 4 3/4"</u>	
Weight, Castings				
Progress on Inspection		<u>Rough</u>	<u>Machined</u>	
Tests on Standard Test Pieces.		<u>R 956</u>	<u>R 968</u>	
Tensile Test—		<u>B.L. 61510 T.X</u>	<u>T. 61350 B.</u>	
Tons per square inch		<u>42.0</u>	<u>42.1</u>	<u>38.5</u>
Extension per cent		<u>30.5 2"</u>	<u>31.5 2"</u>	<u>20.0 3"</u>
Cold Bending Test—		<u>180 W.F.</u>	<u>180 W.F.</u>	<u>180 W.F.</u>
Angle before fracture		<u>25.0 2"</u>	<u>23.0 2"</u>	<u>28.0 3"</u>
Dates when Inspected		<u>21/11/33 to 1/12/33</u>	<u>10/11/33 to 5/12/33</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

I200 No. 61510 = 40, 53, 46

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.

