

## Lloyd's Register of Shipping.

(Report on Machinery, No. 98528Port MurNo. 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.
			Replaced by one of modified design. Oct 1935 S.I.S.	
	FLYWHEEL SHAFT.	1 Pinion Sleeve	1 L.P. Rotor	SCREW SHAFT.
Material* ...		Nickel Steel	Siemens Steel	
How made ...		Forged		
If Annealed ...		Normalized & Tempered	Yes	
Dimensions, Forgings		20 1/4" x 13 1/2" x 20 1/2"	Dia 4 3/4"	
Weight, Castings				
Progress on { Inspection }		Rough	Machined	
Tests on Standard Test Pieces.		R 956	R 968	
Tensile Test—		B.L. 61510 T.X	T. 61350 B.	
Tons per square inch		42.0	42.1	38.5
Extension per cent		30.5	31.5	20.0
Cold Bending Test—		180° W.F.	180° W.F.	180° W.F.
Angle before fracture		25.0 2"	23.0 2"	18.0 3"
Dates when Inspected		21/1/33 to 1/12/33	10/1/33 to 5/12/33	

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.