Received at _____ Office, _____ 19___

Lloyd's Register of Shipping.

(Report on Machinery, No. **93528** Port **Nwc**)

No. **4/08**. ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by *Messrs The Atlas Steel Foundry Eng. Co. Ld.* of *Armadale, West Lothian* for the Engines No. *283* being constructed by *Messrs Parsons Marine Steam Turbine Co. Ld.* of *Wallsend-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 *Wallsend-on-Tyne.*

Mark on Forgings or Castings.

> Lloyd's
> No. 4/08
> W.E.L. v. Dates

William b Lewis

	CRANK SHAFT. 1 Impulse Blade Carrier 2 HP. half Dummy Cylrs. FLYWHEEL SHAFT.	THRUST SHAFT. 1 HP. Ahead Cylinder. Top half.	1 HP. Ahead Cylinder Bottom half.	INTERMEDIATE SHAFT. 1 LP. Astern Cylinder Top half.	TUBE SHAFT. 1 LP. Astern Cylinder Bottom half SCREW SHAFT.
Material		Siemens-Martin Acid, Open Hearth Steel			
How made		Cast.			
If Annealed		Annealed.			
Dimensions, Forgings					
Weight, Castings	2 . 3 . 13.	1 . 0 . 3 . 23.		1 . 11 . 0 . 5.	17 . 2 . 22.
Progress on Inspection		Rough dressed.			
Tests on Standard Test Pieces.	Test No 692.	Test Nº 694 / Test Nº 694A / Test Nº 695 / Test Nº 695A		Test Nº 697.	Test Nº 698
Tensile Test— Tons per square inch	30·8	31·6 / 32·0 / 30·4 / 30·8		31·2	32·4
Extension per cent	37·0%	37·0% / 37·0% / 38·0% / 35·0%		37·0%	37·0%
Cold Bending Test— Angle before fracture	160°NF.	160°NF / 160°NF / 160°NF / 160°NF		160°NF	160°NF.
Dates when Inspected	6/12/33	20/12/33		27/12/33	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ _____ To be paid at _____   *pwc.*

* If of wrought iron, state whether piled bars or scrap.   If of steel, state whether made by the Open Hearth process.

10m.1.33.