

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 54332 Port GLASGOW)

Hartlebury

No. 4573. ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs De Atlas Steel Foundry Eng. Co^{ltd} of Armadale, West Lothian for the Engines No. 962 being constructed by Messrs David Rowan & Co^{ltd} of Glasgow 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 Messrs David Rowan & Co^{ltd}

Forgings or Castings.

Lloyd's
No. 4573.
W & L V. DATES

William B. Lewis
GLASGOW

	CRANK SHAFT. 1 Valve Box. 1 Branch.	THRUST SHAFT. 1 Branch 1 Piece	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.		SCREW SHAFT.	
Material	Siemens-Martin Acid, Open Hearth Steel			
Manufacture	Cast.			
Condition	Annealed.			
Dimensions, Forgings	-----			
Dimensions, Castings	4.2.0.	2.0.17	2.0.19	1.2.
Inspection	Rough castings.			
Test Pieces	Test No 659	Test No 660	Test No 662	Test No 667
Test Results	30.4	31.6	30.4	29.2
Expansion per cent	34.0%	33.0	35.0%	34.0%
Bending Test	160° NF	160° NF	160° NF	160° NF
When Inspected	6/9/33.	6/9/33.	13/9/33.	27/9/33.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were sampled and found according to the Society's rules.

(if any chargeable) £ NIL (Vessel Class) To be paid at LC.P.

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

