

Rpt. 7

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery No. 54023 Port GLASGOW)
Barcald

No. 4570 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 Ltd of Armadale, West Lothian for the Engines No. 958 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 _____

Report on Forgings or Castings.

Lloyd's
 No. 4570
 W & L. V. DATES.

William Lewis
 LLOYD'S REGISTER
 GLASGOW

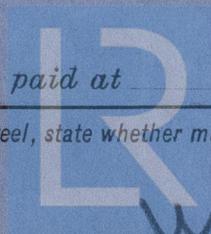
	CRANK SHAFT.		THRUST SHAFT.		INTERMEDIATE SHAFT.		TUBE SHAFT.
	1 Branch piece	1 Stop Valve	2 Branches	1 Valve Box	2 Branches	2 Branches	1 Tee piece
	3 Tee pieces	1 Chest			1 Tee piece		
	1 Cover	1 Branch			1 Y piece		
	FLYWHEEL SHAFT.				1 S piece		SCREW SHAFT.
Material	_____		Siemens-Martin Acid, Open		_____		_____
How made	_____		Cast.		_____		_____
Annealed	_____		Annealed		_____		_____
Dimensions, Forgings	_____		_____		_____		_____
Weight, Castings	1.3.25	7.0.22	2.0	2.3.11	4.0.0	2.10.	1.4
Progress on Inspection	Rough Castings.						
Tests on Standard Test Pieces.	Test N° 639	Test N° 640	Test N° 647	Test N° 649A	Test N° 655	Test N° 658	Test N° 667
Tensile Test—Tons per square inch	34.0	30.8	31.6	29.6	31.2	30.9	29.2
Extension per cent	31.0%	32.0%	32.0%	36.0%	32.0%	34.0%	30.0%
Bending Test—Angle before fracture	160° NF.	160° NF.	160° NF.	160° NF.	160° NF.	160° NF.	160° NF.
Dates when Inspected	16/8/33.	16/8/33.	23/8/33.	23/8/33.	30/8/33.	6/9/33.	27/9/33.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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

(if any chargeable) £NIL (Vessel Classification) 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.



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Lloyd's Register
 W405-0022