

17 FEB 1934

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 54156

Port GLASGOW)

No. F 937 ENGINE ~~FORGINGS OR~~ CASTINGS.

THE WORDS FORGINGS OR CASTINGS SHOULD BE STRUCK OUT AS MAY BE REQUIRED.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Renton & Fisher Ltd of Bathgate for the Engines No. 101 being constructed by A. Stephens & Son Ltd of Leith, 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 Glasgow.

Mark on Forgings or Castings.

John Houston

Leith 9/1/34

Lloyd's
No. 937.8
27/12/33 29/1/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Electric Furnace</u>	<u>The Castings consist of: -</u>		
How made ...	<u>Cast</u>	<u>1-4 1/2 HP Bend.</u>	} <u>Last No 937.</u>	
Of Annealed ...	<u>Yes</u>	<u>1-5 x 3 1/2 x 3 1/2 T piece.</u>		
Dimensions, Forgings	<u>Various</u>	<u>1-2 1/2 x 1 1/2</u>		
Weight, Castings	<u>✓</u>	<u>1-2" thro' Valve chest</u>		
Progress on Inspection	<u>Rough castings</u>	<u>1-2 1/2 Bulk head piece</u>		
Tests on Standard Test Pieces.	<u>937 938.</u>	<u>1-4"</u>		
Tensile Test—		<u>1-3 1/2 Bend.</u>		
Tons per square inch	<u>32.8 30.8</u>	<u>1-5" "</u>		
Extension per cent	<u>29 30</u>	<u>1-4 1/2 x 2 1/2 T piece.</u>		
Old Bending Test—		<u>1-4" Bend.</u>		
Angle before fracture	<u>120° WF</u>	<u>1-3 1/2 x 3 1/2 x 2 1/2 T piece.</u>		
Dates when Inspected	<u>27/12/33 29/1/33</u>	<u>1-2 1/2 x 1 1/2</u>		
		<u>1-3 1/2 Bulk head</u>		
		<u>1-2 1/2 x 2 x 2 T piece</u>		
		<u>3-3 1/2 HP Valve chest</u>	} <u>Last No 938.</u>	
		<u>2-4" Bulk head pieces</u>		
		<u>1-2 1/2 thro' Valve chest.</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS.

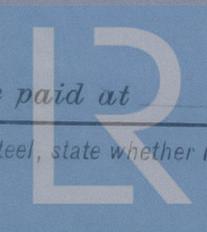
Dropped & hammered as per Rule.



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.



Lloyd's Register Foundation