

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 54627 Port GLASGOW)

No. F946. ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Renton & Fisher Ltd of Bathgate for the Engines No. 965 being constructed by D. 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 Glasgow.

Report on Forgings or Castings.

Lloyd's

No. 946

7-2-34

J.H.

John Houston

Leith

15/2/34

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Electric Furnace</u>	<u>The castings consist of: -</u>		
made ...	<u>Cast</u>	<u>1- 3" Valve Box</u>		
annealed ...	<u>Yes</u>	<u>1- 4" x 2" Crosspiece</u>		
Dimensions, Forgings	<u>✓</u>	<u>1- 3 1/2 x 2" "</u>		
Weight, Castings	<u>✓</u>	<u>1- 4 1/2 x 2" "</u>		
Pressure on Inspection }	<u>Rough Castings</u>	<u>3- 9 1/2 dia. Valve Covers</u>		
Tests on Standard Test Pieces.		<u>3- 3" Valve covers</u>		
Ball Test—	<u>31.2</u>	<u>1- 1 1/2 Branch Piece</u>		
Strength per square inch		<u>1- 3" T piece</u>		
Tension per cent	<u>32</u>	<u>1- 2 x 1 1/2 " "</u>		
Bending Test—	<u>120° WF</u>	<u>1- 3/4 " "</u>		
Angle before fracture		<u>2- 2 1/2 Valve Covers</u>		
When Inspected	<u>7/2/34 14/2/34</u>	<u>3- 2" " "</u>		
		<u>1- 3" T piece</u>		
		<u>1- 1/2" Valve covers</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Dropped & hammered as per Rule.



(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.