

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. *F 943* 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

on Forgings or Castings.

Lloyd's

No. *943, 949, 1001**L.H.**John Houston*
Leith 28/3/34.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	<i>Electric Furnace</i>	<i>The Castings consist of:-</i>		
Made ...	<i>Cast</i>	<i>7 Value Covers</i>	<i>} Test No 943.</i>	
Heat-treated ...	<i>Yes</i>	<i>1 Steam Drive Cover</i>		
Dimensions, Forgings	<i>✓</i>	<i>1 " " Blind Flange</i>		
Weight, Castings	<i>✓</i>	<i>3- 7 1/2 Value covers</i>		
Pressure on inspection	<i>Rough Castings</i>	<i>1- 2 1/2 " chest</i>	<i>} Test No 949</i>	
Tests on Standard Test Pieces.	<i>943, 949, 1001</i>	<i>1- 4" Angle Chest</i>		
Side Test—	<i>32.0 32.8 33.2</i>	<i>2- 6" Bends</i>		
Stress per square inch	<i>30 29 20</i>	<i>2- 2" Value Chests</i>		
Extension per cent	<i>120° 120° 180°</i>	<i>1- 5" Bend</i>	<i>} Test No 1001</i>	
Bending Test—	<i>31/1/34 21/3/34</i>	<i>1- 4 1/2 Branch piece</i>		
Angle before fracture		<i>1- Value Box</i>		
When Inspected		<i>2- 3 1/2 Y pieces</i>		
		<i>1- 3" Angle Chest</i>	<i>} Test No 1001</i>	
		<i>2- 2" Branch pieces</i>		
		<i>1- 2 1/2 T piece</i>		
		<i>1- 2" Value Chest</i>		
		<i>3- 1 1/2" Branch pieces</i>	<i>} Test No 1001</i>	
		<i>2- 4" " "</i>		
		<i>1- Value Box</i>		
		<i>2- 7 1/2 Value covers</i>		
		<i>2- 2 1/2 Y pieces</i>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Propped & Hammered
*as per Rule.**1- Value Box*
2- 7 1/2 Value covers
*2- 2 1/2 Y pieces**Test No 1001*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.

Im. 1.53.



002838-002845-0181

002838-002845-0182

Manufacturer.