

Received at \_\_\_\_\_ Office \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54691 Port GLASGOW)

## No. 1412. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by J. Folkes of Leeds for the Engines No. 187 being constructed by Messrs. Archibald Blair & Co. 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 \_\_\_\_\_

Mark on Forgings or Castings.

Lloyd's  
No. 9384  
I.P. 23/1/34

J. Pringle  
Sheffield  
10/2/34

	<del>CRANK SHAFT.</del>		THRUST SHAFT.		INTERMEDIATE SHAFT.		TUBE SHAFT.	
	6 Crank Webs, 1 aft end, 2 Journals, 1 fwd end, 3 Crank Pins, 3 Cow Rods, 3 Piston Rods							
	<del>FLYWHEEL SHAFT.</del>						<del>SCREW SHAFT.</del>	
Material * ...	<u>Siemens</u>				<u>Steel</u>			
How made ...	<u>Forged</u>							
If Annealed ...	<u>Yes</u>							
Dimensions, Forgings	✓		✓		✓		✓	
Weight, Castings	✓		✓		✓		✓	
Progress on Inspection	<u>Rough</u>				<u>Machined</u>			
Tests on Standard Test Pieces.	<u>3, 4,</u>	<u>5,</u>	<u>5,</u>	<u>6,</u>	<u>6,</u>	<u>7, 8,</u>	<u>9, 10.</u>	
Tensile Test— Tons per square inch	<u>29.6</u>	<u>29.52</u>	<u>29.88</u>	<u>29.88</u>	<u>29.6</u>	<u>29.2</u>	<u>29.6</u>	<u>29.4</u> <u>30.8</u>
Extension per cent	<u>36.0</u>	<u>36.0</u>	<u>37.0</u>	<u>37.0</u>	<u>36.0</u>	<u>36.0</u>	<u>36.0</u>	<u>37.0</u> <u>38.0</u>
Cold Bending Test— Angle before fracture	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u> <u>180° W.F.</u>
Dates when Inspected	<u>4/1/34</u>				<u>6</u>	<u>23/1/34</u>		

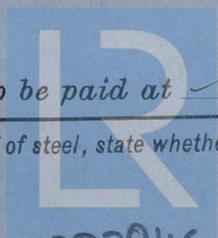
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



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

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