

Lloyd's Register of Shipping.

(Report on Machinery, No. 35744 Port Hull)

1/2 Lord Inchausti

No. 10561 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs Wright's Forge & Eng'g of Lupton for the Engines No. 1272 being constructed by Messrs G & Holmes & Co of Hull 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

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's
No. See below
JP

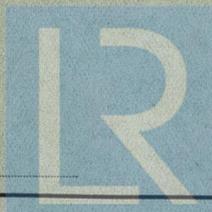
2 Crank pieces

J Pringle
Sheffield 15/9/24
1 Connecting Rod

	CRANK SHAFT.		STRAIGHT SHAFTING.	
			THRUST SHAFT.	INTERMEDIATE SHAFTS.
Material* ...	<u>Siemens Steel</u>			
How made ...	<u>Forged</u>			
Dimensions ...	<u>✓</u>			
Progress on Inspection }	<u>Rough</u>			
Tests on Standard Test Pieces.	<u>604</u>	<u>599</u>	<u>595</u>	
Tensile Test—				
Tons per square inch ...	<u>B 7213</u>	<u>B 7201</u>		
Extension per cent ...	<u>30.6</u>	<u>30.6</u>	<u>30.0</u>	
Cold Bending Test—	<u>35.0</u>	<u>31.0</u>	<u>32.0</u>	
Angle before fracture ...	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Dates when Inspected		<u>20/8/24 L</u>	<u>10/9/24</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ ✓
To be paid at ✓



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* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

If of iron state whether cold or heated iron

For steel state whether annealed or hardened

For brass state whether annealed or hardened

To be bold of
Residual stress characteristics

PARTICULARS OF STEEL TESTS REFERRED TO ON PAGES 10-11

Date when inspected	180°	180°	180°
Single point machine			
Cold bending Test—	180°	180°	180°
Excessive for cast	32.0	31.0	35.0
Tests for defects in			
Tensile Test—	30.0	30.0	30.0
Test Pieces	1513	1501	1517
Tests on Standard	1513	1501	1517
Problems on			
Dimensions			
How made			
Material			

Remains steel
Taper

2 Growth pieces

1 Government box
Shaffer 12/2/54

19
the taper

Shaffer

bars

Steel

Green Works & Co. for
Green & Co. for

No 10261

ENGINE FORGINGS OF STEEL

Lloyd's Register of Shipping

For the information of surveyors and the Committee

1272



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