

Rpt. 7. For the information of Surveyors and the Committee only.
 Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 996 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs Harland & Wolff Ltd. of Belfast for the Engines No. 863 being constructed by Messrs Harland & Wolff Ltd. of Belfast for the Ship No. 863, being built by Messrs Harland & Wolff Ltd. of Belfast 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

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

Mark on Forgings or Castings. CRANKSHAFTS THRUST & SCREW SHAFTS.

LLOYD'S	LLOYD'S
No. <u>47</u>	No. <u>48</u>
R.L.A.	R.L.A.

Rice Ames
Belfast

	2 CRANK SHAFTS' PIECES			2 THRUST SHAFTS			INTERMEDIATE SHAFT. 6 PISTON RODS 6 CONNECTING RODS.				TUBE SHAFT. 3 SCREW SHAFTS		
Material * ...	<u>Siemens Open Hearth Steel</u>												
How made ...	<u>Forged</u>												
If Annealed ...	<u>Yes</u>												
Dimensions, Forgings	<u>7 3/4"</u>			<u>7 3/4"</u>							<u>8 1/2"</u>		
Weight, Castings													
Progress on Inspection	<u>Rough Forged, machined and finished.</u>												
Tests on Standard Test Pieces.	<u>0695</u>	<u>0700</u>	<u>0701</u>	<u>0687</u>	<u>0688</u>	<u>0646</u>	<u>0673</u>	<u>0659</u>	<u>0660</u>	<u>0710</u>	<u>0711</u>	<u>0712</u>	
Tensile Test— Tons per square inch	<u>29.1</u>	<u>29.0</u>	<u>28.96</u>	<u>30.1</u>	<u>31.46</u>	<u>31.2</u>	<u>29.1</u>	<u>29.6</u>	<u>27.7</u>	<u>28.8</u>	<u>28.8</u>	<u>28.64</u>	
Extension per cent	<u>32</u>	<u>32</u>	<u>30</u>	<u>32</u>	<u>30</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>32</u>	<u>34</u>	<u>34</u>	<u>34</u>	
Cold Bending Test— Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Dates when Inspected	<u>18th January 1929</u>			<u>15</u>	<u>8th May 1929</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.

