

Lloyd's Register of Shipping.

(Report on Machinery, No. 87074 Port Newcastle)No. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No. 270 being constructed by Parsons Marine S.T.B.L. of for the Ship No. , being built by

S.S. Kingswoodof

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. 6813DD.D.W.D.D. WilliamsonDarlington 15.7.30

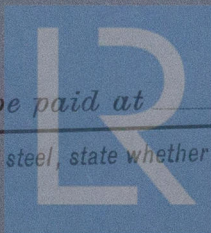
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>L.P. Rotor</u>	<u>2 Main Gear</u>	<u>Primary Gear</u>	<u>Gear Wheel Shaft</u>
	<u>SHAFT.</u>	<u>Wheel Shrouds</u>	<u>Wheel Shroud</u>	<u>Int. SCREW SHAFT.</u>
Material* ...	<u>S.M. Ingot Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>7" dia + 4 3/8" dia</u>	<u>5 1/2" dia</u>	<u>38 3/8" dia</u>	<u>✓</u>
Weight, Castings	<u>Forged & Rough Machined</u>			
Progress on { Inspection }	<u>Let 84</u>	<u>Let 88</u>	<u>Let 90</u>	<u>Let 44</u>
Tests on Standard Test Pieces.				
Tensile Test—	<u>37.8</u>	<u>33.2</u>	<u>32.4</u>	<u>29.8</u>
Tons per square inch	<u>24.0</u>	<u>32.0</u>	<u>29.0</u>	<u>31.0</u>
Extension per cent				
Cold Bending Test—		<u>180°</u>		
Angle before fracture				
Dates when Inspected	<u>2. 6. 30</u>	<u>to</u>	<u>3. 7. 30</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.



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