

# Lloyd's Register of Shipping.

(Report on Machinery, No. 84268)Port Newcastle on Tyne

## 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. 318 being constructed by Swan Hunter & Co. Ltd. of Newcastle 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 Newcastle

to on Forgings or Castings.

Lloyd's

No. 5926D

MR

M. Robertson

Darlington 30-1-29

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>2-2<sup>nd</sup> Red wheel rims</u>		<u>1 2<sup>nd</sup></u>	<u>2 Pinion Shafts</u>
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens Martin</u>	<u>Angot Steel</u>	<u>Angot Steel</u>	<u>Angot Steel</u>
made ...	<u>Forged</u>	<u>and</u>	<u>annealed</u>	
annealed...	<u>Yes</u>			
Dimensions, Forgings	<u>21 1/2" dia</u>	<u>35 3/4" dia</u>	<u>35 3/4" dia</u>	
Weight, Castings				
Press on inspection	<u>Forged and rough machined</u>			
Tests on Standard Test Pieces.				
Single Test—	<u>4/1882-31-8</u>	<u>724-30-2</u>	<u>726-31-0</u>	<u>894-44-0</u>
tons per square inch				
Tension per cent	<u>33.0</u>	<u>32.0</u>	<u>34.0</u>	<u>22.0</u>
Bending Test—				
angle before fracture	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
When Inspected	<u>11-1-29-24-1-29</u>	<u>14-12-28</u>	<u>27-12-28</u>	<u>11-1-29-30-1-29</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £/0-10-0

To be paid at Darlington

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.