

Lloyd's Register of Shipping.

(Report on Machinery, No. 11420

Port

Middleborough

No.

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No 46 being constructed by Furness Eng S.B. Co of 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.

Mark on Forgings or Castings.

Lloyd's

No 4368 D

MR

M. Robertson

Darlington 16-12-23

Inter Shafts

	CRANK SHAFT.		STRAIGHT SHAFTING.	
	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.	
Material* ...	<u>454-32-0</u>	<u>456-32-0</u>	<u>Simons Martin Angel Steel</u>	
How made ...	<u>29-0</u>	<u>30-0</u>	<u>Forged</u>	
Dimensions ...	<u>180</u>	<u>180</u>	<u>6 3/4 dia</u>	<u>7/8 dia</u>
Progress on Inspection }	<u>468-32-0</u>	<u>472-31-8</u>	<u>Forged and finished and</u>	
Tests on Standard Test Pieces.	<u>29-0</u> <u>180</u>	<u>32-0</u> <u>180</u>	<u>Cent liners fitted</u>	
Tensile Test—	<u>474-32-0</u>	<u>484-32-0</u>	<u>528-32-0</u>	<u>476-31-0</u>
Tons per square inch	<u>32-0</u> <u>180</u>	<u>32-0</u>	<u>29-5</u>	<u>31-0</u>
Extension per cent ...	<u>180</u>	<u>32-0</u>	<u>180</u>	<u>180</u>
Cold Bending Test—	<u>486-31-8</u>	<u>180</u>	<u>180</u>	<u>180</u>
Angle before fracture	<u>32-0</u> <u>180</u>			
Dates when Inspected			<u>12-23</u>	<u>15-12-23</u> <u>14-8-23</u> <u>4-10-23</u>

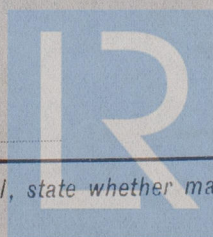
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

478-31-2
34-0
180

Fee (if any chargeable) £

To be paid at

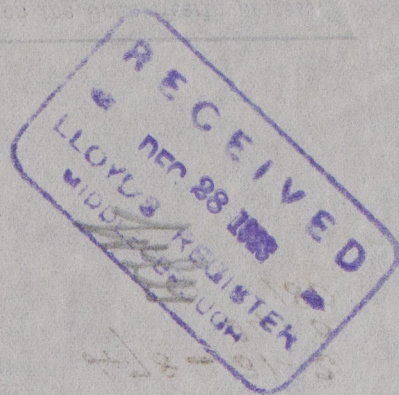
* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



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W317-0099



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