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For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 10950 Port Middlesbrough)

No. F213 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Richardson, Westgarth & Co. Ld. of Hartlepool for the Engines No. 2535 being constructed by Richardson at Middlesbrough 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 Black pigment tested as under

Piston Rod & Crosshead

on Forgings or Castings.

Lloyd's
No. 6180
22/6/20 *wt.*

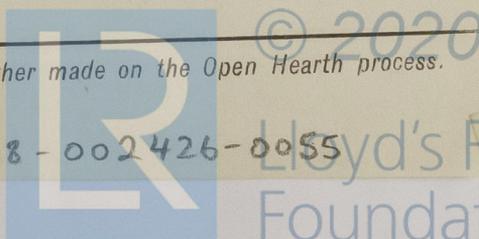
A. R. [Signature]
West Hartlepool
15/7/20

	STRAIGHT CHAFTING.		
	GRANK SHAFT	INTERMEDIATE SHAFTS	PROPELLER SHAFT
Material	<u>1. Piston Rod</u> <u>5 in diameter</u> <u>forged.</u>	<u>Iron Rod.</u> <u>Forged.</u>	
Made	<u>✓</u>	<u>✓</u>	
Dimensions	<u>tested</u>	<u>tested</u>	
Press on Inspection			
Tests on Standard Test Pieces.			
Tensile Test—	<u>(NI) 27.9 tons</u>	<u>(MC) 30.2 tons</u>	
Stress per square inch	<u>30.4% (2nd)</u>	<u>30.4%</u>	
Elongation per cent	<u>180°</u>	<u>180°</u>	
Bending Test—			
Angle before fracture			
When Inspected	<u>15/6/20</u> <u>22/6/20</u>	<u>22/4/20</u> <u>14/5/20</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ Carriage Paid.
To be paid at _____

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



002418-002426-0055

Lloyd's Register
Foundation