

Received at

Office.

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____)

Port _____

No. 492. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings or Castings, as herein described, manufactured by The Old Park Forge of Sheffield for the Engines No. 471 being constructed by Messrs Crabtree & Co of Jarmouth 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, Satisfactory

Mark on Forgings or Castings.

Joseph Fringle & John R. Compton

Lloyd's

No. 2 Columns 4 Eccentric rods
2 Connecting rods 2 Valve rods

Sheffield 1/7/12

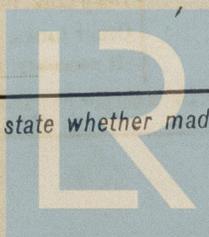
	CRANK SHAFT.		STRAIGHT SHAFTING.			
			THRUST SHAFT.	INTERMEDIATE SHAFTS.		PROPELLER SHAFT.
Material* ...	<u>Siemens Steel</u>		<u>Siemens Steel</u>			
How made ...	<u>Forged</u>		<u>Forged</u>			
Dimensions ...						
Progress on Inspection }	<u>Rough</u>		<u>Rough</u>			
Tests on Standard Test Pieces.	<u>Columns</u>	<u>Con. rods</u>	<u>Eccentric rods</u>	<u>Valve rods</u>		
Tensile Test—	<u>Test-no 1</u>	<u>Test-no 2</u>	<u>Test-no 5</u>	<u>Test-no 3</u>		
Tons per square inch	<u>31.0</u>	<u>30.6</u>	<u>31.26</u>	<u>31.94</u>		
Extension per cent	<u>33.5</u>	<u>33</u>	<u>32</u>	<u>32</u>		
Cold Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>		
Angle before fracture						
Dates when Inspected	<u>19/6/12 & 20/6/12</u>		<u>19/6/12 & 20/6/12</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.



The words FORGINGS or CASTINGS, IRON or STEEL, should be used may be registered.