

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 2523 Port Phila.)

No. _____ ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings or Castings, as herein described, manufactured by Middleton & Bethlehem of Kietown Bethlehem for the Engines etc. being constructed by Westinghouse Machine Co of East Pittsburgh Pa for the Ship No. 338, being built by Chas. SBA of Chas. Pa 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. 1561
TB

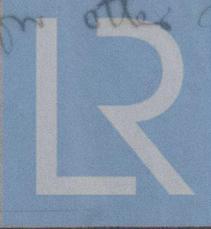
1349-78 B1F1
" B1F2

William Rutter
Pittsburgh

	Flexible CRANK SHAFT. <u>2nd reduction</u>	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Nickel Steel</u>	<u>Carbon Steel</u>	<u>(OH.)</u>	
How made	<u>forged</u>	<u>do</u>		
Dimensions	<u>✓</u>	<u>✓</u>		
Progress on Inspection	<u>forged & finished</u>			
Tests on Standard Test Pieces.	<u>1349-78 B1F1</u>	<u>1349-78 B1F2</u>		
Tensile Test— Tons per square inch	<u>85000</u>	<u>88100</u>	<u>63200</u>	
Extension per cent	<u>28</u>	<u>26</u>	<u>34</u>	
Cold Bending Test— Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Dates when Inspected	<u>6-3-16</u>	<u>5343-16</u>	<u>22-16</u>	<u>811-2-16</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Original certificate returned for other shafts 2020



Lloyd's Register
Foundation

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.