

# Lloyd's Register of British & Foreign Shipping.

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

## No. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings or Castings, as herein described, manufactured by Middle & Bethlehem of Kietum 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 BIFI  
" BIF2

William Rutter  
Pittsburgh

	flexible		STRAIGHT SHAFTING.		
	CRANK SHAFT.		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Nickel Steel</u>		<u>Carbon Steel</u>	<u>(O.H.)</u>	
How made	<u>forged</u>		<u>do</u>		
Dimensions	<u>2 1/2 inch</u>				
Progress on Inspection	<u>fringed &amp; finished</u>				
Tests on Standard Test Pieces.	<u>1349-78</u>	<u>1349-78</u>			
Tensile Test—	<u>85000</u>	<u>88190</u>	<u>63200</u>		
Extension per cent	<u>28</u>	<u>26</u>	<u>34</u>		
Cold Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>		
Angle before fracture					
Dates when Inspected	<u>6-3-16</u>		<u>22-11-16</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

original certificate returned for other shafts

Fee (if any chargeable) £

To be paid at



Lloyd's Register  
Foundation

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