

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

 No. 216 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by Bethlehem Steel Co. of Pittsburgh Pa. for the Engines No. — being constructed by Lodd Dry Dock & Repair Co. of Lacoma Wash for the Ship No. —, being built by Same of Same have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

LLOYD'S No. <u>218</u> <u>14-1-19</u> <u>W.H.</u>	LLOYD'S No. <u>219</u> <u>14-1-19</u> <u>W.H.</u> (33)	LLOYD'S No. <u>222</u> <u>14-1-19</u> <u>W.H.</u> (34)	LLOYD'S No. <u>223</u> <u>14-1-19</u> <u>W.H.</u>
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Mark on Forgings or Castings.

LLOYD'S No. <u>216</u> <u>7-1-19</u> <u>W.H.</u>	LLOYD'S No. <u>216</u> <u>13-1-19</u> <u>W.H.</u>
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William Holm
Pittsburgh, Pa.

	CRANK SHAFT.		STRAIGHT SHAFTING.			
			THRUST SHAFT.	6 INTERMEDIATE SHAFTS.	1 PROPELLER SHAFT.	
Material* ...			<u>C.H. Steel</u>			
How made ...			<u>Forged</u>			
Dimensions ...						
Progress on Inspection }			<u>Forged and Rough turned.</u>			
Tests on Standard Test Pieces.	<u>216</u>	<u>216</u>	<u>218</u>	<u>219</u>	<u>222</u>	<u>223</u>
Tensile Test—	<u>65480</u>	<u>65480</u>	<u>63120</u>	<u>64280</u>	<u>68100</u>	<u>61400</u>
Tens per square inch ...	<u>30.0</u>	<u>30.0</u>	<u>34.0</u>	<u>31.0</u>	<u>34.0</u>	<u>37.0</u>
Extension per cent ...	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
Old Bending Test—	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
Angle before fracture ...	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
Dates when Inspected	<u>From 7-1-19 to 14-1-19.</u>					

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee \$80.00
Exp. \$12.00

Fee (if any chargeable) £ Pittsburgh.
To be paid at

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