

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office \_\_\_\_\_

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

No. 191 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 Totterville Pa for the Engines <sup>only</sup> No. \_\_\_\_\_ being constructed by Todd Wey Black & Reynolds of Tacoma 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  
192  
16-12-18  
W.J.F.  
No. 189  
16-12-18  
W.J.F.  
34

Lloyd's  
No. 191  
16-12-18  
W.J.F.  
LLOYD'S  
190  
16-12-18  
W.J.F.

*W. J. F. Cunningham*  
*W. J. F. Cunningham*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
		<u>N. Stat</u>		
		<u>Forged</u>		
		<u>Forged &amp; Rough Turned</u>		
Standard Pieces.	<u>192</u>	<u>189</u>	<u>191</u>	<u>190</u>
Weight—square inch	<u>68800</u>	<u>68800</u>	<u>70000</u>	<u>70800</u>
Per cent	<u>35.0</u>	<u>34.0</u>	<u>31.0</u>	<u>32.0</u>
Temperature Test—before fracture	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
Inspected	<u>9/12/18 21/12/18</u>	<u>9/12/18 16/12/18</u>	<u>9/12/18 16/12/18</u>	<u>9/12/18 16/12/18</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee \$ 80.00  
Exp \$ 15.00

If any chargeable £ \_\_\_\_\_ to be paid at Cunningham

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

