

Handwritten signature/initials

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 143 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel~~ Steel Forgings or Castings, as herein described, manufactured by Pittsburgh Steel Co of Pittsburgh, Pa for the Engines No. _____ being constructed by Todd Dry Dock & Repair Co 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	LLOYD'S	LLOYD'S	LLOYD'S
No. <u>143</u>	No. <u>143</u>	No. <u>141</u>	No. <u>146</u>
<u>19-11-18</u>	<u>2-12-18</u>	<u>19-11-18</u>	<u>2-12-18</u>
<u>W.J.F.</u>	<u>W.J.F.</u>	<u>W.J.F.</u>	<u>W.J.F.</u>
		(34)	(33)

Lloyd's
No. 147
2-12-18
W.J.F. (34)

Handwritten signature: W. J. Fleming

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material		<u>ON Steel</u>		
Made		<u>Forged</u>		
Dimensions		<u>Forged & Rough Turned</u>		
Tests on Standard Test Pieces.	<u>143</u>	<u>141</u>	<u>146</u>	<u>147</u>
Tensile Test— Tons per square inch	<u>70000</u>	<u>65600</u>	<u>67400</u>	<u>68000</u>
Elongation per cent	<u>30.0</u>	<u>30.0</u>	<u>34.0</u>	<u>30.0</u>
Bending Test— Angle before fracture	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
When Inspected	<u>19/11/18 2/12/18</u>	<u>19/11/18</u>	<u>2/12/18</u>	<u>2/12/18</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee £80 00
Expenses 27 50

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

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

