

Bpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 140

ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by *Nova Scotia Steel & Coal Co.* of *New Glasgow, N.S.* for the Engines No. *68* being constructed by *Canadian Vickers* of *Montreal* for the Ship No. *✓*, being built by *✓* of *✓* have been inspected by me as set forth below, and found to be, so far as can be seen, *sound*

C. Jones
New Glasgow N.S.

Mark on Forgings or Castings.

Lloyd's

No. *140*
9. 8. 18
O.T.V.

410
12.3.8.18
O.T.V.

422
31.8.18
O.T.V.

360
7.6.18
O.T.V.

	Con rod CRANK SHAFT.	Con rod THRUST SHAFT.	STRAIGHT SHAFTING.		Crank pin journal.
			Con. rod	INTERMEDIATE SHAFTS.	
			Con. rod		PROPELLER SHAFT.
Material* ...	<i>✓</i> <i>AST Steel</i>	<i>✓</i> <i>AST Steel</i>	<i>✓</i> <i>AST Steel</i>	<i>✓</i> <i>AST Steel</i>	<i>✓</i> <i>AST Steel</i>
How made ...	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>
Dimensions ...	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
Progress on Inspection	<i>Forged & R.D.</i>	<i>Forged & R.D.</i>	<i>Forged & R.D.</i>	<i>Forged & R.D.</i>	<i>Forged & R.D.</i>
Tests on Standard Test Pieces.					
Tensile Test—	<i>69400</i>	<i>70400</i>	<i>66200</i>	<i>62800</i>	
Tons per square inch	<i>30.5</i>	<i>30</i>	<i>32</i>	<i>39.5</i>	
Extension per cent	<i>180</i>	<i>180</i>	<i>180</i>	<i>180</i>	
Cold Bending Test—	<i>180</i>	<i>180</i>	<i>180</i>	<i>180</i>	
Angle before fracture	<i>may 16, 22, 21</i>	<i>may 31, June 6</i>	<i>June 4, 13,</i>	<i>April 26, May 1,</i>	
Dates when Inspected	<i>Aug. 9th/18.</i>	<i>Aug 23rd/18</i>	<i>Aug. 31/15</i>	<i>June 7/18</i>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.



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Foundation

630-0154