

Sept. 7. For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office \_\_\_\_\_ 19

**Lloyd's Register of British & Foreign Shipping**  
 (Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)  
 LLOYD'S REGISTER RECEIVED  
 7 JUN 1913  
 DUNDEE

No. 3403 ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by The Tife Forge Co of Sinclairtown for the Engines No. 165 being constructed by Cooper & Greig Ltd of Dunfermline for the Ship No. 352, being built by Greenock & Gungahmore Ship Co Ltd of Greenock have been inspected by me as set forth below, and found to be, so far as can be seen, sound & free from defects

A. Dennis Beck  
Leith

on Forgings or Castings.  
 Lloyd's No. 3121  
N.D.H.

Tail shafts  
3350

	CRANK SHAFT.			STRAIGHT SHAFTING. <u>4/1 Spare.</u>		
	THRUST SHAFT.			INTERMEDIATE SHAFTS.		PROPELLER SHAFT.
Material	<u>SM Steel</u>			<u>SM Steel</u>		<u>SM Steel</u>
Process	<u>Forged &amp; mach'd</u>			<u>Forged &amp; mach'd</u>		<u>Forged &amp; mach'd</u>
Dimensions	<u>11" dia</u>			<u>11" dia</u>		<u>11 3/4" dia</u>
Finish	<u>Rough turned &amp; finished</u>			<u>Rough turned &amp; finished</u>		<u>Rough turned &amp; finished</u>
Tensile Test	<u>28.4</u>	<u>31.6</u>	<u>28.4</u>	<u>28.8</u>		<u>29.4</u> <u>30.2</u>
Elongation	<u>35</u>	<u>33</u>	<u>32</u>	<u>33</u>		<u>35</u> <u>34</u>
Bending Test	<u>180° good</u>			<u>180° good</u>		<u>180° good</u>
When Inspected	<u>20/8</u> <u>8/9/12</u>			<u>23/8</u> <u>6/9/12</u>		<u>20/8/12</u> <u>12/5/13</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Iron Rods. SM steel. 30.8 tons - 32% } 180° good 98  
Steel Rods. SM steel. 28.0 tons - 33% } 96

Fee (if any chargeable) £  
 To be paid at \_\_\_\_\_



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 Lloyd's Register  
 Foundation  
 W483-0067

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

Thickness of girder at centre 9 1/4" - 1 1/2" Length as per rule 2'-8 5/8" Distance apart 8 1/2" Number and pitch of staves