

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

S.S. *JEAN EVA* (Report on Machinery, No. *15281*. Port *Middlesbrough*)

MDB. RPT. No. *15281*

No. *F1832* ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by *The Life Forge C.L.* of *Stirkcaldy* for the Engines No. *1440* being constructed by *Smith's Dock C.L.* of *South Bank* 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 and free from defects. These have been despatched to *South Bank*.

on Forgings or Castings.

Lloyd's

No. *1832, 1833, 1834, 1835*

C.R. *9/10/34*

Charles R. Rousecliffe

South

10/10/34

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	<i>SM Engr'd Steel</i>	<i>SM Engr'd Steel</i>	<i>SM Engr'd Steel</i>	<i>SM Engr'd Steel</i>
Made ...	<i>Built</i>	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>
Heat-treated ...	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
Dimensions, Forgings	<i>7 7/8" dia</i>	<i>7 7/8" dia</i>	<i>7 1/2" dia</i>	<i>8 1/2" dia</i>
Weight, Castings	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
Finish on inspection	<i>Finished</i>	<i>Finished</i>	<i>Finished</i>	<i>Finished with continuous lines</i>
Tests on Standard Test Pieces.	<i>1832 1832W</i>	<i>1834</i>	<i>1835</i>	<i>1833</i>
Impact Test—	<i>31.4 29.4</i>	<i>30.6</i>	<i>29.6</i>	<i>30.6</i>
Stress per square inch	<i>29% 31%</i>	<i>31%</i>	<i>30%</i>	<i>31%</i>
Elongation per cent	<i>180 ✓</i>	<i>180</i>	<i>180</i>	<i>180</i>
Bending Test—				
Time before fracture				
When Inspected	<i>27/7/34</i>	<i>9/10/34</i>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £ *✓*

To be paid at *✓*

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

En

quipped to reforge engine

ENGINE ROOM ENGINE

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Lloyd's Register Foundation



Good work

Good work

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