

pt. 7

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^o L^{td} of Stirkcaldby for the Engines No. 440 being constructed by Smiths Dock C^o L^{td} 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
CR. 9/10/34

Charles R Rowcliffe
Leith
10/10/34

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

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.



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