

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 3682 ENGINE FORGINGS ~~OR CASTINGS.~~

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by The Yorkshire Engine & L^{ms} of Sheffield for the Engines No. 307 being constructed by Messrs Maccoll & Pollock of Sunderland 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, Satisfactory



J. Grange

Sheffield 29/7/19

Mark on Forgings or Castings.



	CRANK SHAFT.	STRAIGHT SHAFTING.		
		<i>Intermediate</i> THRU SHAFT.	INTERMEDIATE SHAFTS.	<i>Intermediate</i> PROPELLER SHAFT.
Material* ...	/	<u>Siemens Steel</u>		
How made ...		<u>Forged</u>		
Dimensions ...		✓		
Progress on Inspection		<u>Rough machined</u>		
Tests on Standard Test Pieces.		<u>n° 213</u>	<u>n° 214</u>	<u>n° 215</u>
Tensile Test— Tons per square inch		<u>29.5</u>	<u>30.1</u>	<u>28.9</u>
Extension per cent		<u>34</u>	<u>32</u>	<u>30</u>
Cold Bending Test— Angle before fracture		<u>180°</u>	<u>180°</u>	<u>180</u>
Dates when Inspected	<u>28/5/19</u>		<u>15/7/19</u>	

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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The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Sagenham
Engine forgings

3083

ENGINE FORGINGS

SUNDERLAND PT. NO. 27614

Sunderland

Produce

The Sunderham Engine Co. Ltd.

Works

Sheffield

As shown described

J. P. ...

11/1/12
21/1/12
23/1/12

150 512	150 514	180 0	180 0
58.2	30.1	25	25
58.2/112	—	—	—

Range Machine
Steel
Iron
Steel
Iron
Steel
Iron



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277