

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 2642 ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or~~ Steel Forgings ~~or~~ Castings, as herein described, manufactured by *James Michael & Co. Ltd.* of *Bundu* for the Engines No. *85* being constructed by *S. R. B. Scott* of *Tayport* for the Ship No. *144*, being built by *J. R. Forbes* of *Laudhosen*, have been inspected by me as set forth below, and found to be, so far as can be seen, *Satisfactory*

Work on Forgings or Castings.

Lloyd's

No. 496

J. H. M.

John H. Mackintosh
Bundu.

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

	CRANK SHAFT.		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<i>Cr. & S.</i>		<i>Cr. & S.</i>		<i>Scrap Iron</i>
How made ...	<i>Forged</i>		<i>Forged</i>		<i>Forged</i>
Dimensions ...	<i>5 1/4"</i>		<i>5 1/4"</i>		<i>6"</i>
Progress on Inspection	<i>Forge to finish</i>		<i>Forge to finish</i>		<i>Forge to finish</i>
Tests on Standard Test Pieces.	<i>END. Pins & Body.</i>				
Tensile Test—	<i>31.8</i>	<i>31.2</i>	<i>29.4</i>		✓
Tons per square inch					
Extension per cent	<i>30</i>	<i>28.0</i>	<i>34.0</i>		✓
Cold Bending Test—	<i>180°</i>	<i>180°</i>	<i>180°</i>		✓
Angle before fracture					
Dates when Inspected	<i>7/2 5 1/5 18</i>		<i>14 3 5 20 18</i>		<i>6 3 5 20 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.

ENGINE FORGINGS OR CASTINGS

DUNDEE REPORT No.



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Foundation