

## Lloyd's Register of Shipping.

(Report on Machinery, No.

Port *Newcastle*)No. *E19826* ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Iron ~~or~~ <sup>&</sup> Steel Forgings ~~or Castings~~, as herein described, manufactured by *Jessie Smith Forge Co.* of *Waltham-on-Tyne* for the Engines No. *487* being constructed by *James Radhead & Co.* of *South Shields* 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*

Mark on Forgings ~~or Castings~~.

Lloyd's

No. *7718**gd*

*3 Connecting rods*  
*2 Piston ..*  
*2 Slide Valve ..*

*J. G. & Co.**Newcastle.*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	<i>Scrap iron</i>	/	/
How made ... †		<i>Forged</i>		
Dimensions ...		<i>✓</i>		
Progress on } Inspection }		<i>Forging.</i>		
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...				
Extension per cent ...				
Cold Bending Test— Angle before fracture ...				
Dates when Inspected		<i>4.4.27 - 24.5.27</i>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*1 Ingot Steel Piston rod*  
*1 - - Slide Valve rod.*

TONS <sup>□</sup>	ELONG	BEND
<i>27.0</i>	<i>32%</i>	<i>180°</i>

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.



C/R. PRsd & V/Rod  
487

50 75 100

100 75 50

100 75 50

100 75 50

100 75 50

100 75 50

100 75 50

100 75 50



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