

Lloyd's Register of Shipping.

(Report on Machinery, No. 43285 Port Hull)

No. F. 3178 ENGINE FORGINGS OR CASTINGS. 1/2 lifespan

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

I have to report that the Forgings or Castings, as herein described, manufactured by Blake's Grant & Sons Ltd of Leeds for the ~~Engines~~ ^{Contact} No. 630 being constructed by Amos Smith & Co of Hull for the Ship No. 574, being built by Cook, Weir & Gemmell & Co of Hull 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 Hull

Mark on Forgings or Castings:

Lloyd's
No. 1759
ack

W. G. Gemmell
Gemmell

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	/		<u>Sh. Steel</u>	/
How made ...			<u>Forged</u>	
If Annealed ...			<u>Yes.</u>	
Dimensions, Forgings			<u>7 1/2</u>	
Weight, Castings			<u>✓</u>	
Progress on Inspection			<u>Black forged</u>	
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch				
Extension per cent		<u>32</u>		
Cold Bending Test— Angle before fracture		<u>180°</u>		
Dates when Inspected		<u>7/9/32 13/9/32 16/9/32</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Exp 46

Fee (if any chargeable) £ Ni

To be paid at Gemmell

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