

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 2865 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by J. Carmichael & Co. Ltd. of Dundee for the Engines No. 289 being constructed by A. Hall & Co of Aberdeen for the Ship No. 465, being built by J. Guthrie & Son of Aberdeen have been inspected by me as set forth below, and found to be, so far as can be seen, sound. - 1 Coupling end.

3 pins } Black forgings
 3 body pieces }
 6 webs (of iron)

J. Selles.
Dundee.

Mark on Forgings or Castings.

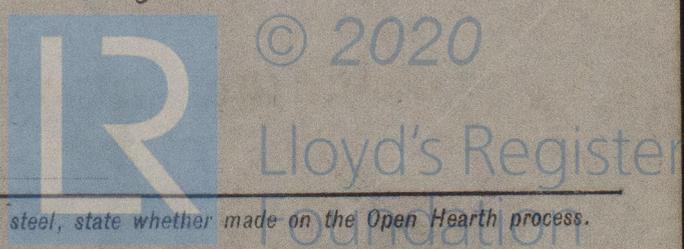
Lloyd's
 No. 1003
J.S.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>S. M. S. S.</u>			
How made ...	<u>Forged</u>			
Dimensions ...	<u>8 1/8" dia</u>			
Progress on Inspection	<u>Black Forgings</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>31.8</u> (Coupling end) <u>28.5</u> (Body pieces)			
Extension per cent	<u>28</u> <u>29</u>			
Cold Bending Test—				
Angle before fracture	<u>180°</u> <u>180°</u>			
Dates when Inspected	<u>10-16-21/4/24.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined (3 throw) Crank Shaft finished 8 1/8" dia
& Stamped on web ~~W. A. C. E. W.~~ 25-6-24.
1003

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.

W580-0206

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

A. Hall & Co. Ltd.
Engines N° 259
Crank Shaft

Examined finished 25.6.24 ✓

S.S. "CHRISTINA FRASER"
Abn. Rpt. N° 13897



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Lloyd's Register
Foundation

5-5-20
Returned
22/6/20