

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 9587 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Thos Firth & Sons of Sheffield for the Engines ~~No. 2070~~ being constructed by The Commonwealth of Australia of Melbourne, for the Ship No. 48, being built by Cockatoo Dockyard of Sydney N.S.W. have been inspected by me as set forth below, and found to be, so far as can be seen, sound

Report on Forgings or Castings.

Lloyd's

No. 2211

M.C.

Sheffield 15/2/24
Pellwell Cheong

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material * ...	/	/	<u>Siemens steel</u>	/
Made ...			<u>Engl forged</u>	
Dimensions ...			<u>14" dia</u>	
Process on inspection ...			<u>Rough machined</u>	
Tests on Standard Test Pieces.			<u>S2826T. B.</u>	
Tensile Test—			<u>31.0 29.8</u>	
Stress per square inch ...			<u>36 36</u>	
Elongation per cent ...	<u>180° 180°</u>			
Bending Test—	<u>12/2/24 15/2/24</u>			
Angle before fracture ...				
Date when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 3-3-0
To be paid at Sheffield.

If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



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