

# WOKINGHAM COPY

COPY OF LETTER RECEIVED FROM  
GLASGOW OFFICE

22nd June 1944.

Correspondence  
enclosed.

Dear Sir, I shall be glad to have an early reply, as I am 'handing-over' tomorrow, Friday 23rd instant. I would be pleased to hear from you at the Ministry for the War Transport.

MESSRS. LITHGOWS' YARD NO. 997

With reference to my recent telephone conversation with Mr. Bunyan of London Office, regarding Certificates of Tests on Refrigerated Cargo Fan Electric motors, supplied to the above vessel by Messrs. Axia Fans Ltd., considerable discussion and correspondence has taken place between this Office, Messrs. Lithgows Axia Fans and Sunderland Forge.

These motors were specified by Messrs. J. & E. Hall Ltd. of Dartford, Kent, as enclosed ventilated machines, but on being installed in the fan trunking by Messrs. Axia Fans Ltd., they were fitted with a solid end-frame at the driving end and streamline fairings over both end-frames, thus leaving the magnet frame only exposed to the flow of air.

The Test Certificate for the prototype machine shows a temperature rise on the armature of 63°F, when tested in still air as an enclosed ventilated machine i.e., before being fitted with solid end-frame and fairings. When tested under the above condition and fitted with the solid end-frame, the temperature rise on the armature increased to 107°F.

I enclose copies of the correspondence, which has taken place between the various firms concerned, and I would also refer you to the semi-official correspondence which has passed between

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