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June 3, 1915.

Mr. R. T. Glazebrook,  
The National Physical Laboratory,  
Teddington, Middlesex,  
England.

Dear Sir:

Receipt is acknowledged of your letter of May 17th, 500/25/JS and enclosed memorandum on the standard temperature for commercial metric standards of length.

The subject is one which interests us greatly and we shall be pleased to go into the subject in more detail upon the return of Mr. L. A. Fischer, Chief of the Weights and Measures Division, who is at present absent from the Bureau. A number of years ago, this Bureau recommended to the manufacturers of steel tapes that metric tapes be graduated to be standard at 20° C. rather than 0°, and we have tested and certified them for this temperature since that time.

We enclose a copy of the forms used in the certification of such metric tapes.

We have found some discrepancies in the apparent temperatures of standardization of other metric apparatus on the part of the manufacturers, due largely, we believe, to

lack of appreciation of the importance of care in the matter, or to lack of an understanding of the whole subject. We shall be pleased to gather more exact data as to the practice in this country with a view to recommending a definite policy and shall communicate the results to you in a later letter.

Respectfully,

(SIGNED) E. B. ROSA.

Acting Director.

*R. J. 7.*

Enclosures:

Form 22m

" 122m