

INTER-OFFICE CORRESPONDENCE

QA
R.J. Reynolds Tobacco Company

Winston-Salem, NC 27102
704/735-1000

RJR

July 23, 1986

To : Mr. M. D. Shannon
From : L. Whit Peterson
Subject: Glass Fiber Specifications

Confirming our prior conversation, we continue to have concerns regarding Section E of the Glass Fiber Specification. This section contains specific restrictions regarding sampling of shipments, including limitations on the number of rolls that can be sampled, along with the number of defective rolls required prior to rejection. Once specifications have been established, selection of sampling procedures to administer these specifications falls within the domain of Quality Assurance. The latitude to frequently adjust sample levels in accordance with quality of materials is essential to an effective inspection program.

The sampling plan included in the current specification is taken directly from Mil. Stds. - 105D. Under this plan, risk against random sampling error is weighted heavily in favor of the supplier. For example, if 100 shipments were made which contained 10% defective material, we would expect to accept over 60 of them. In view of the current status of glass development and the critical nature of the component, we feel this risk is unacceptable. It is recommended this section be deleted from the specification, and the supplier encouraged to concentrate on controlling production within tolerances, rather than relying upon a specified level of non-conforming material.

LWP
L. Whit Peterson

LWP/rv

xc: Mr. Lucien L. Bass, III ✓
Mr. Ron S. Beatty
Ms. Regina delacy
Mr. D. C. Straka

RJR

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No. 366 By *LWP*

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