

CERRO - NEW HAVEN

February 6, 1973



MEMO TO: F. R. Postma

cc: E. S. Reed
E. E. Barth
G. S. Buettner
C. A. Alm

FROM: A. H. Lybeck

SUBJECT: Firewall III Binder Tapes

Reference is made to the third topic in your 1/24 memo to E. E. Barth - the criteria for an improved binder.

First, this is extremely active and C. A. Alm maintains close contact with tape manufacturers. Our regular Technical Meetings should keep you informed of progress.

Second, why "no asbestos"? I suspect the objection to asbestos is based on its hygroscopicity, which you list as criterion C. At present we are evaluating an asbestos-polyester tape treated to be non-hygroscopic. If this tape proves OK in all respects, will it be knocked down because of its asbestos content?

Third, the reference to "ashtray test" is clear and one that our present tapes meet. However, Criteria D, "106% pass ... U/L vertical flame", seems aimed at single conductors, not tapes - particularly when AWG sizes are cited.

A. H. Lybeck
ehw

ebn

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FEB 7 1973
E.S.R.

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