1-184 (50M)

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO H.B. Carr AT Burlington DATE March 29, 1972

FROM F.W. Kanzler AT Burlington COPY TO ✓File

SUBJECT Capital Equipment Needs for 1973
Quality Control Laboratory, Resin Plant

The list of capital equipment to be purchased for the fiscal year 1973 is as follows:

1. UV Spectrophotometer

   Approximate cost: 4.5M or 13M with near IR capabilities.

   This instrument will afford improved analysis for raw materials and in-process analyses of colorimetric nature.

2. Digital Integrator

   Approximate cost: 6.5M.

   The time to calculate gas chromatographic results will be drastically reduced with this instrument e.g., calculation of the analysis of VAcM which is done by area normalization at present would be reduced from 25 to about 10 minutes per sample. The calculation of VCM virgin or recovered would be reduced from 20 to 10 minutes per sample. Easy quanitfication of all analyses will be made possible by the log readout ability of the integrator.

3. Conversion of the Present Conference Room into a Laboratory Area

   Approximate cost: 4M.

   The installation and running of the bottle polymerizer has resulted in a drastic reduction of work space available in the laboratory. New instrumentation (Haze and Gloss Meter) has amplified this problem.

4. Calculator for the Quality Control Laboratory

   Approximate cost: 0.7M

   It becomes increasingly more difficult to secure spare parts for the calculator presently used in the laboratory. Scarcity of parts has resulted in having the calculator in repair for up to 6 weeks. In addition, print-out capabilities would afford better control of calculations made by the technicians.

Fred W. Kanzler
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FWK/jt