

Subcommittee on Analytical and Monitoring Methods
Task Group on Vinyl Chloride
Manufacturing Chemists Association
Volunteered at meeting of January 25, 1974

B. Barnes, ICI
Z. G. Bell, PPG
R. Henderson, Olin
H. R. Hoyle, Dow (volunteered by T. R. Torkelson)
F. Kennedy, Continental Oil

Subsequent to the meeting, T. Aalto, Tenneco, has volunteered to serve on the subcommittee.

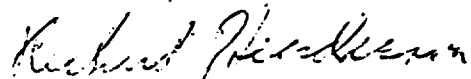
B. Barnes, Z. G. Bell, R. Henderson and F. Kennedy met on January 25, 1974. At that meeting and in subsequent conversations it was agreed that the role of the subcommittee should be to:

- I. Review literature on methods of analysis for VCM.
- II. Solicit information from contributors to the M.C.A. vinyl chloride projects on their experience with various procedures for sampling work environments and analyzing the samples.
- III. Evaluate procedures for sampling and analyses.
- IV. Recommend procedures for sampling and analyses.

It was agreed that there are analytical methods of sufficient sensitivity to detect VCM in air in the concentration range of one to 50 parts per million using reasonable air samples. Flame ionization, infrared, and pyrolysis followed by measurement of conductivity of water in which chloride is trapped are detection methods that can be used.

Members of the M.C.A. vinyl chloride project will be requested to submit to Dr. Henderson information on procedures for monitoring and analysis for VCM.

The members of the subcommittee will meet after information is received from member companies and circulated for evaluation.



Richard Henderson
Chairman, Subcommittee on
Analysis and Monitoring