



Air Products and Chemicals
INC.

CALVERT CITY PLANT
INTEROFFICE MEMORANDUM

To: B. D. Helms

Date: 20 July 1983

From: G. N. Boyd

Copies: R. C. Lietzau
T. C. Noll
B. L. Rose

Re: Method for Vinyl Chloride Personnel Monitoring

The Vinyl Chloride Work Practice Standard, June 13, 1983, recommends an analytical method (NIOSH 178) which uses a pump and charcoal tube for monitoring vinyl chloride. It also states that "methods of equal or better accuracy may be substituted".

I recommend that we use the Reiszner Badge method which we were using prior to the PVC shutdown in 1982. The Reiszner Badge method differs from the NIOSH method only in that the air sample is collected with a passive monitor rather than a pump.

Attached is the initial work which compared both methods (memo to B. D. Helms 2/12/82) and the note from you stating that the Reiszner Badge method was approved by the Central Safety Committee 2/25/82.

We have ordered new bottles of standard gas for testing the Reiszner Badges to ensure that they are still accurate. Upon your approval, the Reiszner Badge method will be used for air monitoring vinyl chloride when the PVC plant begins operation.

G. N. Boyd
G. N. Boyd

GNB:d11

Attachment

→ *G. N. Boyd*

*We should continue with your program to
check accuracy and use the B&S's. I understand!
Poco is now using! Good work
Boyd*

AP00043848



Air Products and Chemicals
INC.

CALVERT CITY PLANT
INTEROFFICE MEMORANDUM

To: W. D. Greer

Date: 27 July 1983

From: G. N. Boyd

Copies: B. D. Helms

Re:

Attached are the results from air monitoring for vinyl chloride at the emulsion plant. The personnel sampled were those most likely to be exposed.

G N Boyd

G. N. Boyd

GNB:d11

Attachment

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