

VINYL CHLORIDE ITEMS OF INTEREST

VFA Monitoring

The VFA/VCl analyzer charts are analyzed daily by F. L. Johnson to determine frequency of exposures above 10 ppm and 25 ppm. Tabulations of these data are issued weekly to unit supervisors. On November 5, the VFA/VCl analyzer range was lowered from 100 ppm to 25 ppm; its test gas concentration was changed from 25 ppm to 10 ppm. At these new settings, the VFA analyzer experienced 2.5 ppm calibration shifts in a 24 hour period. Alignment problems limited its sensitivity to 1.0 ppm. Plant instrument control engineers, working with SID, were later able to eliminate the undesirable calibration shift. Instrument sensitivity was also lowered to 0.5 ppm.

OVA Monitoring

In September, the Industrial Hygiene Department and A. A. Peterson evaluated the OVA portable VCl analyzer as a tool for locating emission sources of VCl. Results of this study (published in a report) were encouraging. The Suspension Unit ordered an OVA on October 18. Since the arrival of five OVA analyzers last week, unit supervisors have been trained in the use of this analyzer for pinpointing leaks.

Respiratory Protection

All operating personnel have been issued personalized fresh air masks.

Signs

Signs warning of a vinyl chloride regulated area will be installed during the week of December 16. Waste container signs have been ordered for a December 20 delivery. Mr. Ed Bell is spear-heading the Distribution Department effort on warning signs for bags, van boxes, and hopper cars.

Worker Restriction

In November, Dr. D. H. Glenn recommended that female employees of child-bearing capability be restricted from working in vinyl chloride regulated areas.

UCC 090979

Vinyl Chloride Film

An audio tape film to explain and discuss our obligations under the new vinyl chloride standard should be available for showing shortly after January 1, 1975.

UCC 090980