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EVALUATION OF THE PRESENT USE OF A HALOGENATED HYDROCARBON ANALYZER TO MONITOR VAPOR CONCENTRATIONS OF VINYL CHLORIDE AND/OR VINYLIDENE CHLORIDE WITHIN THE WORK ENVIRONMENT OF VLV2 SHRINK RESINS PRODUCTION PLANT, BUILDINGS 564, 565

INFORMATIVE SUMMARY WITH CONCLUSIONS

A halogenated hydrocarbon analyzer has been used by the VLV2 Shrink Resins Production Plant since January 1968 to monitor the concentrations of vinyl chloride and/or vinylidene chloride in the working environment. A recent evaluation of the use of the analyzer indicated only four of twelve available air sampling points are used for monitoring the working environment. Time-weighted average exposures to vapors of vinyl chloride and/or vinylidene chloride encountered by operators could not be accurately determined. There is a need to utilize available air sampling lines to better define the operators' exposures. Consideration should be given to having the information processed by computer analysis in order to have a daily record of time-weighted average exposures.

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