



News Release

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VINYL CHLORIDE - FIRST COMPREHENSIVE GUIDE TO ANALYTICAL METHODS

The first comprehensive guide to analytical methods recommended for measuring the levels of vinyl chloride in air, and residual vinyl chloride in polymers, has been published today by the Chemical Industries Association's Vinyl Chloride Committee, which is the focus of the joint effort in the vinyl chloride occupational health field by the British Chemical Industry Safety Council, The British Plastics Federation, the UK vinyl chloride producers/polymerisers and the Chemical Industries Association.

The 110-page book, entitled "The Determination of Vinyl Chloride - A Plant Manual" has been compiled by specialists from the four UK vinyl chloride producers/polymerisers and is one part of these companies' massive contribution to the CIA Vinyl Chloride Committee's work on industrial hygiene in factories where vinyl chloride is handled.

This manual, which includes 17 diagrams, presents the best analytical methods currently available for ensuring that vinyl chloride production and polymerisation plants, and polyvinyl chloride processing plants, are operated in accordance with official hygiene standards.

Its format is specifically designed for plant control. Analytical techniques are summarised and listed for each area of application: (a) Vinyl Chloride Monomer Plants (b) Vinyl Chloride Polymerisation Plants (c) PVC Conversion Plants (d) Environments outside factories.

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The ten analytical methods specified cover the control of personal exposure, works atmospheres, external atmospheres, liquid effluents and polymeric products, using both infra-red and gas-liquid chromatographic techniques. Complete instructions for the conduct of each method are given, together with appraisals of their range, sensitivity and accuracy.

It is intended both to supplement the loose-leaf manual and to up-date various sections, as further developments result from the work of the CIA group.

This manual is thought to be unique and is likely to be of worldwide interest.

Copies are available, post free, from the Publications Department, Chemical Industries Association Ltd., Alembic House, 93, Albert Embankment, London, SE1 7TU, England, at the price of £20,* per copy.

* N.B. Sales are only made on a prepaid basis, i.e. cheques must accompany orders.