

Sterilization



This Application

- ◆ Ethylene oxide (Etox) C_2H_4O
- ◆ Etox monitoring in sterilization facilities

Other Workers' or Personal Safety

Applications

- ◆ Polymer manufacturing
- ◆ Isocyanate/polyurethane production
- ◆ Adhesives and sealants

Other Compounds

- ◆ Vinyl Chloride (VC) monomer C_2H_3Cl
- ◆ Acrylonitrile, butadiene, styrene (ABS)
- ◆ Acrolein C_3H_4O
- ◆ Phosgene $COCl_2$
- ◆ A.o. formaldehyde CH_2O

Other Areas

- ◆ Chemical/process industries
- ◆ Building materials industry

Hazards

- ◆ Extremely flammable and explosive and/or highly toxic and/or carcinogenic and/or hormone disruptive

Customer

Contract sterilisation service company (Germany, USA, Spain, France, China, UK, Belgium)

Background

The solution was provided for one of the largest companies for worldwide outsourced sterilisation services of medical instruments, packaging for food/pharma, and more.

Local Circumstances

For the purpose of safe working conditions it must be made absolutely sure there are no harmful traces of Etox left in sterilisation chambers and surroundings.

Solution & Results

The customer was offered a customised Synspec GC with a multi-channel selector for sequential measuring of several areas. It was installed, connected with the admittance "safe" system, and continues to run to full satisfaction until today.



About Synspec

Synspec is a leading company in manufacturing instruments for the measurement of VOCs in ambient air and industrial applications. We are an R&D based enterprise with a team of specialists who have a deep technical and analytical know-how, ready to provide you with customised solutions.

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