



## This Application

- ◆ Monitoring Non-Methane Volatile Organic Compounds (NMVOC)

## Other Ambient Air Monitoring Applications

- ◆ Monitoring Photochemical Ozone Creation Potential (POCP)
- ◆ Monitoring BTEX
- ◆ (NM)THC measurement with total-FID or total-PID

## Other Compounds

- ◆ NH<sub>3</sub>, CH<sub>4</sub>
- ◆ Ethylene Oxide (Etox)
- ◆ Aromatics/Chlorinated VOCs

## Other Areas

- ◆ Landfill monitoring
- ◆ Combustion/Traffic monitoring
- ◆ Site remediation
- ◆ Surface water monitoring

## Hazards

- ◆ Toxic and/or carcinogenic

## Customer

The Department of Labour Inspection (DLI) of the Republic of Cyprus

## Background

DLI participates in the European Monitoring and Evaluation Programme (EMEP), contributing to the monitoring and evaluation of long-range transmission of air pollution in a background application. Due to the appropriate measures taken over the years concentrations of most pollutants in the atmosphere have been drastically reduced.

## Local Circumstances

Periods of drought and high temperatures alternate with periods of higher air humidity.

## Solution & Results

Synspec offered a gas chromatograph instrument, specifically designed to measure NMVOC. This instrument is part of a Pan European network already for over 10 years. It is accessible 24/7 to everyone, who wants to know about reported emission data of the main pollutants.



## About Synspec

Synspec is a leading company in manufacturing gas chromatographs (GC), 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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