

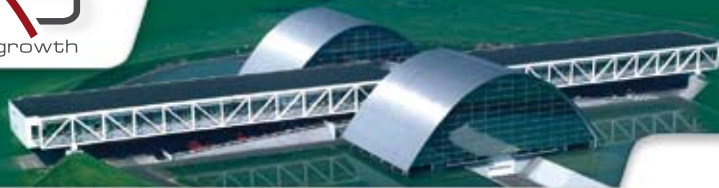
# Ocas, your health & safety partner

Pollutants can be present in air, water, soil or food, at our workplace as well as at home. We provide a full service of correct sampling, accurate analysis, health and safety risk assessment, technical support and consultancy in a wide range of application fields.

We have a vast experience in :

- Risk assessment of welding fumes
- Measurement of indoor air quality
- Air monitoring at workplace
- Detection and quantification of chromium compounds





## Reduce the cost of your risk assessment of welding fumes

Our newly developed method allows fast and cut-price screening of the emitted gases arising from activities such as welding and cutting. It furthermore enhances the analysis of gases and dust accumulated by our dedicated sampler. Our experienced team can assist you to optimize your welding process using the obtained data.

OCAS is member of the European consortium currently developing ISO/TS/15011-5 : Identification of thermal degradation products generated during welding and cutting through products composed wholly or partly of organic substances.



## Early monitoring of indoor air quality

Detecting possible emission of volatile organic compounds (VOC) at an early stage in the development of new products enables a considerable reduction of the health and safety risks. Our field and laboratory emission cell (FLEC) coupled with thermal desorption gas chromatography mass spectrometer samples, identifies and quantifies VOCs from coated panels according to ISO 16000-10: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test cell method. OCAS can sample and analyse VOCs (ISO 16000-6) as well as formaldehyde (ISO 16000-3).

## Accurate and separate measurement of $\text{Cr}^{6+}$ and $\text{Cr}^{3+}$ traces

Thanks to our unique method of complexation precipitation you obtain quantitative results on both  $\text{Cr}^{6+}$  as well as on  $\text{Cr}^{3+}$ . Both components can easily be determined even in case of traces e.g. from leached panels.

## OCAS offers a full package of R&D services

In addition to health and safety issues, OCAS offers a full package of R&D services to all interested parties :

- R&D partnership
- Co-design and co-engineering
- Rapid prototyping
- Problem-solving
- Material characterisation
- Training

We offer advanced technology and innovative research within a framework of confidentiality.

## Your benefits

### ► Minimize risks thanks to

- Dedicated sampling methods
- Accurate analysing methods
- Technical assistance by an experienced team

### ► Save time and money

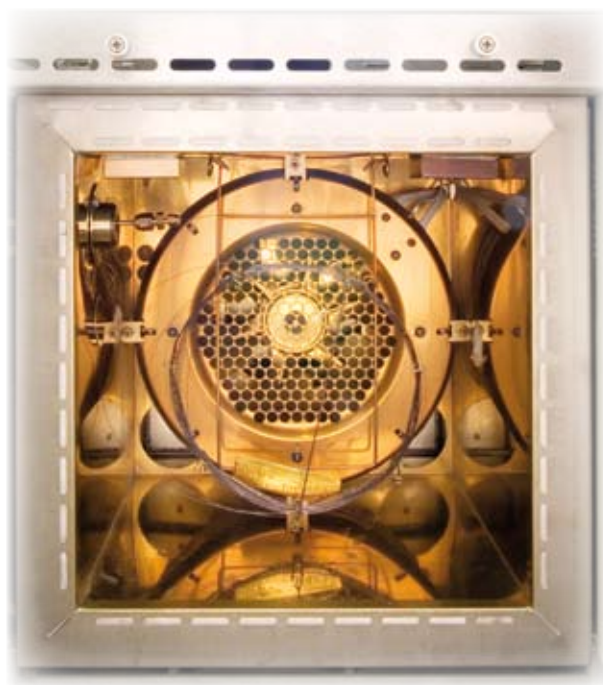
- Cut down on sampling time at workplace
- Reduce the number of measurements and analysis

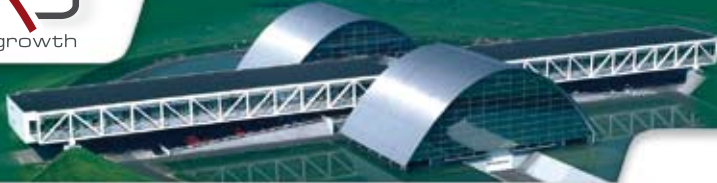
### ► Care for the environment and the health & safety of your team

- Perform the hazard assessment before launch of a new product
- Check presence of  $\text{Cr}^{6+}$  even in small concentrations
- Obtain separate data on  $\text{Cr}^{6+}$  and  $\text{Cr}^{3+}$

### ► Full range of services

- Sampling, analysis, risk assessment, technical support and consultancy by one team only
- Providing the necessary data for your material safety data sheets
- Chemical and physical material characterisation possibilities in one of the world's best equipped laboratories





## Contact us

To receive more information or a free copy of our service catalogue, contact us :

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