

Chemical Hazards Monitoring – for More Safety in the Workplace



solvias 

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The use or generation of hazardous substances is often unavoidable in chemical manufacturing. Nowadays, while it is possible to work in a safe and controlled manner with highly toxic substances, there is always a risk of leaks at critical locations and thus the possibility that human beings will be exposed to these substances. Solvias Chemical Hazards Monitors record exposures from the ppm to the ppt range and trigger alarms when limits are exceeded – for more safety in the workplace.

Solvias, your reliable partner for continuous and safe chemical hazards monitoring

The comprehensive range of products and services we offer in the field of chemical hazards monitoring is based on our in-depth expertise and our experts' decades of experience. For continuous monitoring, we offer custom monitoring concepts for special applications in addition to standard solutions. We achieve a high degree of operating reliability through continuous auto function monitoring.

We rely on advanced, innovative analysis techniques and ISO 9001-certified quality. High-performance chromatographic and spectrometric methods are used in our chemical hazards monitors. Thus far, we have developed analysis methods for more than 50 substances having boiling points to 250 °C (vapor pressure >0.000001 mbar) (see separate list of substances).

Safety is not a matter of chance. That is why it makes sense to put our high-performance products and comprehensive package of services to work for you.

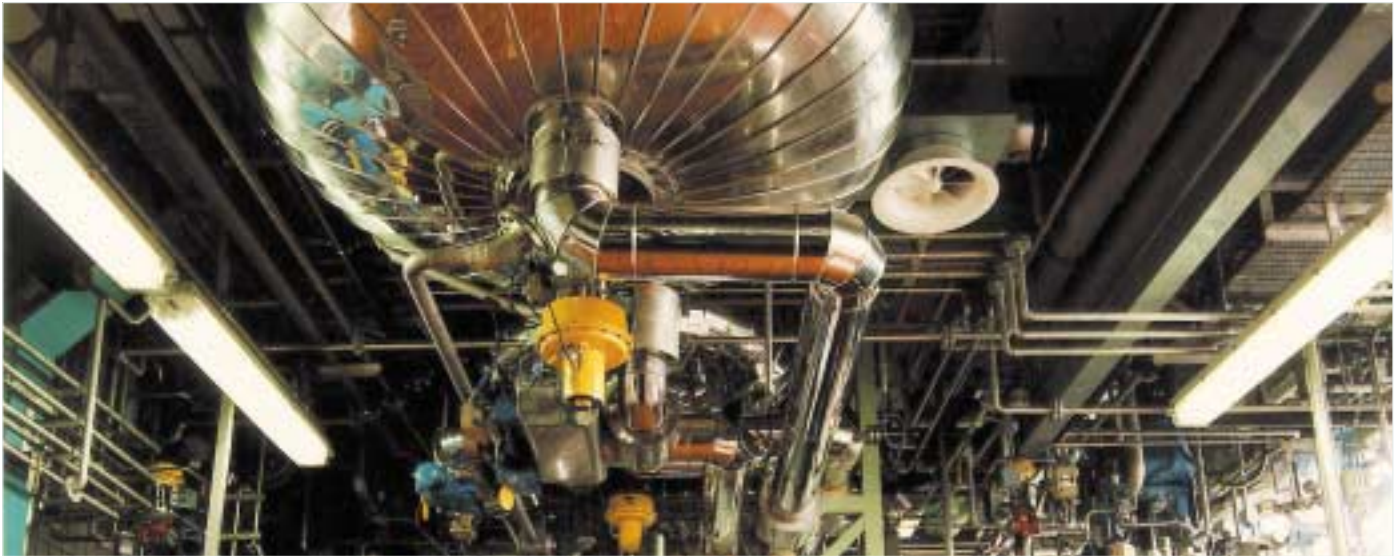
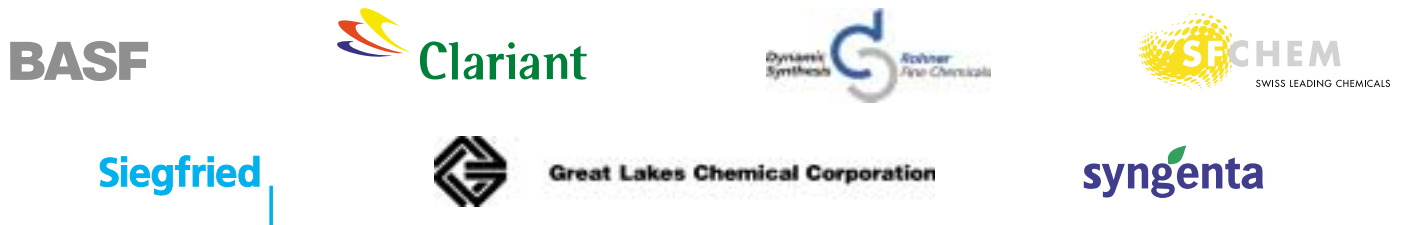
- Detailed individual consulting
- Selection of the most suitable analysis method
- Implementation of the analysis method taking specific requirements into account
- Calibration
- One-month continuous test in our laboratories
- Commissioning
- On-site methods optimization taking local operating conditions into account
- Instruction and training of local operators
- Service and maintenance

We would be pleased to make our instrumentation and know-how available to you for individual measurement programs.



Companies that put their trust in us

Whether in refineries, in the petrochemical industry, polymer chemicals, basic chemicals, fine chemicals, agricultural chemicals, or in pharmaceutical production, reliable chemical hazards monitoring is a must in all facilities in which human beings may be exposed to hazardous substances. – Solvias Chemical Hazards Monitors are an integral part of the safety concept used by numerous leading corporations.




Source: TU Berlin, www.ast.tu-berlin.de

Outstanding performance – your benefit

- Continuous monitoring of highly toxic and carcinogenic substances in plant air from the ppm to the ppt range – more safety in the workplace
- Early alarm triggering signaling exposure to hazardous substances – warning and display already well below existing limits thanks to adjustable alarm thresholds
- Highly selective and interference-free measurement – no false alarms and no resulting interruptions in operations
- Individual customized method development in the laboratory plus implementation and optimization on site – special solutions for reliable chemical hazards monitoring
- Trouble-free continuous operation thanks to auto function monitoring – high operating reliability
- Single-source provider – a single partner for consulting, sales, commissioning, service and maintenance

For more information, ask for our detailed monitor brochures.



Solvias AG
P.O. Box
4002 Basel
Switzerland

Tel. +41 61 686 61 61
Fax +41 61 686 65 65
www.solvias.com
info@solvias.com