



PSG-Solutions for the Process
Analytic Technology

Requirements for ATEX Areas

The topic of safety in industrial plants is one of the core issues in the global process industry. Especially in chemical and petrochemical plants, individual components of sample preparation or even complete analysis systems are often operated within an explosion-proof zone.

The majority of these applications are found in the area of process control, process optimization and process safety.



Power Plants and Petrochemical

But also in industrial power plants in industrial parks, or plants for the incineration of industrial residues and waste, the use of ATEX solutions is becoming increasingly common.

Particularly with regard to the corrosive and explosive components found in the chemical and petrochemical industries, high demands are sometimes placed on the use of ATEX components and systems.



Perfect Sample Gas

System Integration for ATEX Areas

In addition to the ATEX components for sampling, transporting and cooling (drying) process samples, an essential task of Process Analysis Technology is to build turnkey Analyzer systems taking into account the ATEX directives, among others.

In this context, the infrastructure, the sample preparation and also the Analyzers must be designed in a common context.



Turnkey ATEX Analyzer Systems

The PSG System Integration Solutions offer the advantage to carry out the complete engineering, as well as the construction and the manufacturing of the Analyzer system from 2D up to true-to-scale 3D planning. Furthermore, the production PSG System Integration supports the commissioning and the later operation of the Analyzer system.

