



**Global Risk
Consultants®**

Process Safety Management

Dedication in providing services to
address today's challenges

The chemical processing sector is one of the most highly regulated industries worldwide. Stakeholders are continually challenged to ensure high levels of safety that comply with statutory regulations, while achieving profitability. Process safety is of utmost importance as the consequences of one incident can cause significant problems and losses across the entire business. Companies must stay abreast of developments and adjust their programs accordingly. Many companies find it is more cost effective to seek outside expertise when doing so.

An effective process safety management (PSM) program requires a systematic approach to evaluating the entire process. Using this approach, the process design, process technology, operational and maintenance activities and procedures, non-routine activities and procedures, emergency preparedness plans and procedures, training programs, and other elements which impact the process are all considered in the evaluation. TÜV SÜD GRC can help you stay up-to-date, compliant with

these regulations and better manage your business.

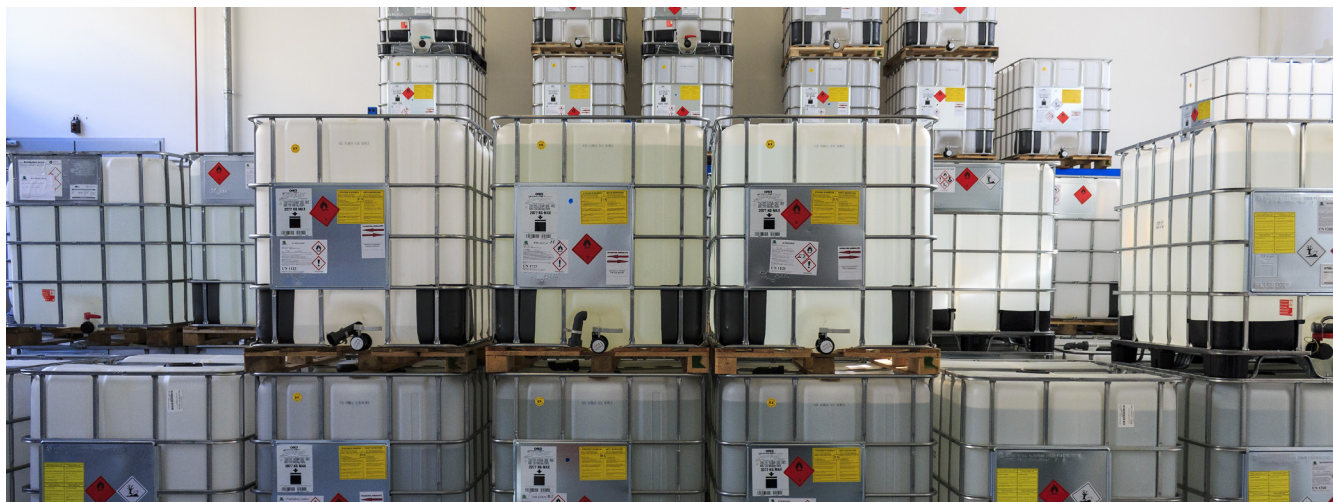
Why focus on process safety?

Despite increasing compliance driven and audit based efforts to make processes safer, most companies fail to give a convincing answer as to how safety excellence can be achieved in a proactive and controlled manner. The "Risk at the Core of the Organization" model, developed by TÜV SÜD, enables a focus on all aspects which results into a high performance.

How can TÜV SÜD GRC's PSM Services help?

TÜV SÜD GRC believes that Process Safety Management (PSM) provides more than a response to regulatory needs; it can also be an essential contributor to an organization's overall effectiveness. TÜV SÜD GRC can assist you with the various types of PSM services such as:

- Process safety transformation – process safety performance improvement



- Process Safety Program element Development & Support
- Process Hazard Analysis (PHA) such as HAZOP, What-If, Fault Tree, etc.
- Process Safety Auditing
- Explosion Protection Documents

In more detail, TÜV SÜD GRC offers professionals with the necessary skills and experience to effectively address the following areas:

- Evaluation and refinement of present PSM efforts
- Integration of process safety information requirements into related programs
- Selection and facilitation of the proper Process Hazards Analysis studies for your specific operations
- Assistance with integrated Management of Change and Mechanical Integrity programs
- Assessments of existing fire, safety, or emergency response procedures and development of new programs where needed
- PSM compliance auditing
- Assistance with coordination of your overall PSM program with the risk management and insurance objectives of your company
- Evaluating Combustible Dust Hazards and identifying the means to mitigate the hazard

About TÜV SÜD

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in assessment, testing, inspection, auditing, certification, training and knowledge services. Represented in over 1,000 locations worldwide, we hold accreditations in Europe, the Americas, the Middle

East, Africa and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

- Fire Protection Engineering
- Boiler & Machinery Engineering
- Infrared Thermographic Surveys
- Natural Hazards Analysis
- Jurisdictional Boiler & Pressure Vessel Inspections
- Loss Control Training
- Property Valuation
- Arc Flash Assessments
- Process Safety Management
- Business Continuity Planning
- Code & Project Services