ORGANIZATIONAL PROCESS SAFETY
Taking Process Safety to the Next Level

DEKRA
How Confident Are You That Your Organization Is Doing Enough to Manage Risk?

Despite your best efforts, incidents continue to occur, putting workers and facilities at risk of catastrophic accidents. Whether you have an established Process Safety Management Program or are considering putting one in place, it is imperative to both implement certain management systems to reduce risk and verify the effectiveness of those systems.

Organizational Process Safety (OPS) Identifies the Maturity of Your Organization

DEKRA brings together decades of global expertise in behavioral and Process Safety to produce a targeted assessment that gives organizations a measure of their risk management maturity along with pragmatic next steps necessary for them to start making progress toward their risk management goals.

DEKRA’s objective, precise, repeatable and reproducible measure of the maturity level of a site or organization considers the technical, cultural and organizational factors that contribute to the success of any safety initiative.

Practical recommendations are developed from a targeted assessment that allows organizations to navigate a roadmap toward maturity, while progress is measured by a reliable benchmarking score that can be consistently applied over time.

Organizational Maturity: Are You an Avoidance-Driven, Compliance-Driven or Values-Driven Organization?

While our methodology is based on the well-established, risk-based Process Safety management model developed by the Center for Chemical Process Safety (CCPS), this model does not provide a tool for measuring the maturity level of a site or organization.

DEKRA has designed a targeted assessment that, when used by our experienced specialists, evaluates a facility’s maturity at managing Process Safety risk. Whether the site has an avoidance, compliance, or values-driven culture, our specialists provide practical recommendations to help the organization recognize the value of meeting their risk management goals.

Assessment Methodology

At DEKRA, we listen to our clients and can scale our assessment to address the complexity of the technology, facility and unique workstreams of the organization under analysis. Our methodology was developed intentionally to remove subjectivity from the assessment and is:

> Scalable
  The methodology can be used for any type of industry, across single or multiple facilities, and can be conducted for individual or multiple workstream components.

> Practical
  Our specialists endeavor to spend most of their time with workers in the work environment to analyze how effective risk is being managed.

> Precise, Repeatable & Reproducible
  The methodology is designed to produce results accurately and consistently across sites and assessment teams.

The interrelationship between organizational capability and culture is the glue that holds an effective risk management program together. And it is often overlooked.
DEKRA OPS Workstream Elements

DEKRA uses seven key components to assess Process Safety maturity within an organization. It is not enough to simply have a program that contains these components. It is important that they interrelate and coordinate to adapt to subtle changes throughout the organization’s life cycle.

Capability and culture impact all workstream elements.

How Does OPS Work?

An OPS assessment starts with a discussion to identify the scope – what parts of the organization do you want to analyze, and which workstream elements? An experienced team of DEKRA specialists, chosen based on their familiarity with your technology, performs a targeted assessment, which produces a picture of the organization’s current maturity status within each workstream element.

The results are systematically prioritized to help identify the interventions needed for maturity to progress. Recommendations focus first on improving “weak” elements before turning to already “strong” ones. Each workstream element is given a benchmark score used to monitor implementation progress and movement toward the next maturity level.

DEKRA is committed to ensuring sustainable results with our clients. Our specialists will help support recommendation implementation, if desired. Once the organization feels it has achieved progress, the targeted assessment is performed again, identifying new actions to drive toward greater maturity. The period between assessments is determined by DEKRA and the client, typically, it should not exceed five years.

Building on the Foundation of CCPS

The Center for Chemical Process Safety (CCPS) created what is recognized as a leading industrial approach to the Process Safety management framework: Risk Based Process Safety (RBPS).

RBPS recognizes that all hazards and risks in an operation or facility are not equal, and that resources should be apportioned in a manner that first focuses effort on greater hazards and higher risks. This approach reduces the potential for assigning undue resources to managing lower-risk activities and frees up resources for tasks that address higher-risk activities. DEKRA specialists have streamlined the RBPS system, condensing the 20 CCPS elements into seven coordinated workstreams.

Our approach collects information that facilitates the design of high-priority, corporate-wide recommendations related to Process Safety.
PROCESS SAFETY RISK EXTENDS BEYOND THE CHEMICAL INDUSTRY

Unfortunately, the risk for catastrophic events (fires, explosions and hazardous releases) is not limited to the chemical or oil & gas industries. An increasing number of organizations are leveraging fundamental principles and tools that originated in the chemical industry as they recognize the need to adopt Process Safety management systems and apply them beyond the scope of regulatory requirements. Impacted industries include those that handle combustible dust, the food & beverage industry, mining companies and more.

The DEKRA Difference

You should have confidence that you are doing everything you can to protect workers from catastrophic accidents. DEKRA’s holistic solution merges the knowledge and experience of our Process Safety and organizational safety experts. Our methodology draws on internationally accepted structures and lessons learned over many years in the field to create a more objective and effective diagnostic tool. This puts Organizational Process Safety at the forefront of the next wave of Process Safety innovation.

DEKRA OPS METHODOLOGY OFFERS DISTINCT ADVANTAGES

- DEKRA OPS is specifically designed to obtain the most accurate picture of Process Safety performance while efficiently engaging with the resources and personnel from your organization.
- DEKRA OPS provides an objective, precise, repeatable and reproducible measure of the maturity level of your site or organization.
- DEKRA OPS identifies the optimal interventions to improve organizational maturity and the benchmarking indicators to monitor progress.
- DEKRA OPS utilizes a reliable metric, allowing objective benchmarking across sites and geographic areas.

DEKRA: Let Us Be Your Trusted Advisors

The breadth and depth of our expertise in Process Safety make us globally recognized specialists and trusted advisors. We help our clients understand and evaluate their risks and work with them to develop pragmatic solutions. Our practical, value-added approach integrates specialized Process Safety management, engineering and testing. We seek to educate clients and increase competence to facilitate continuous performance improvement.

Partnering with our clients, we combine technical expertise with a passion for protecting life and reducing harm.

Would you like more information?

Contact Us