



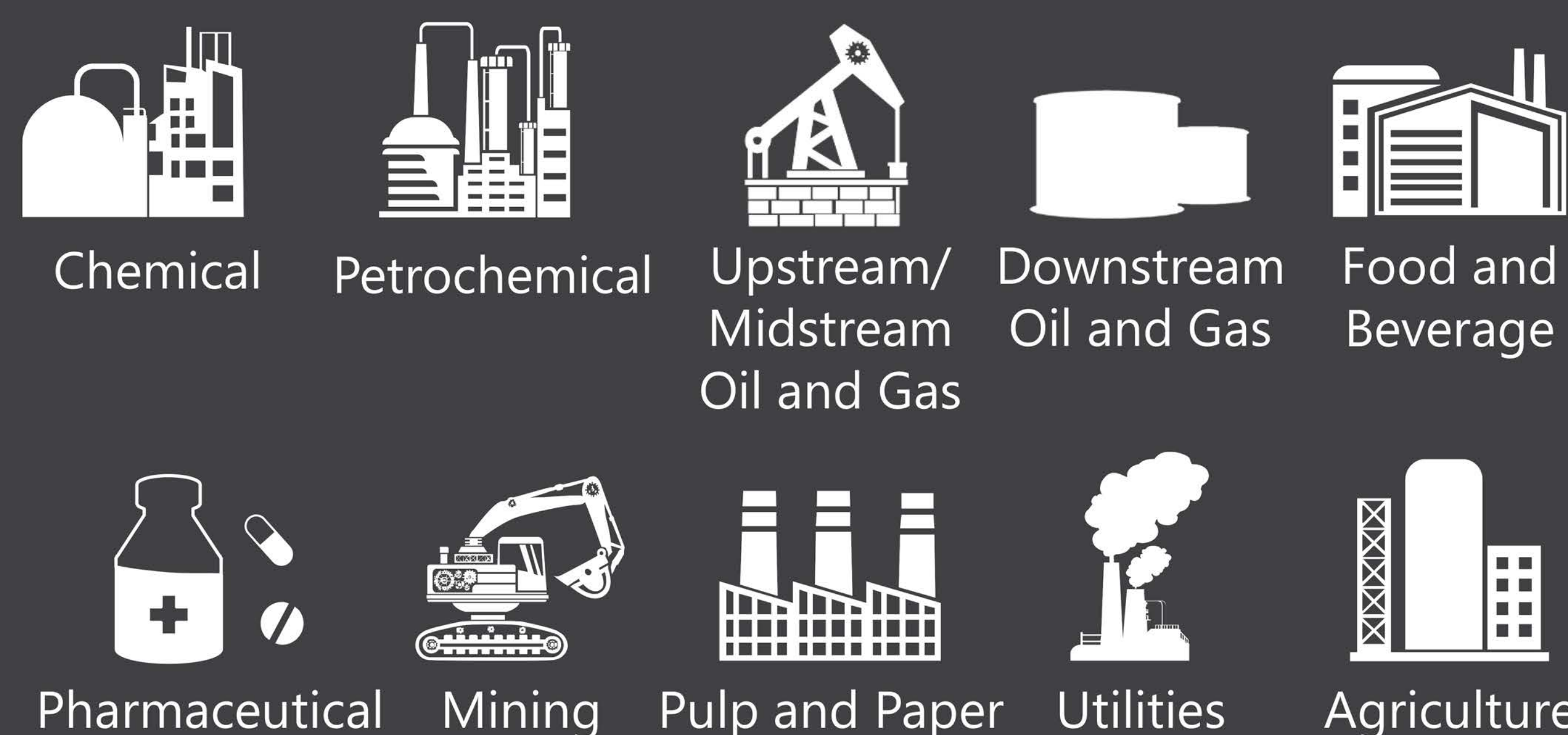
**CHEMICAL PROCESS SAFETY CENTER OF EXCELLENCE**

We have a worldwide network of experts, resources and training materials related to a wide variety of regulatory, technical and industry practice topics that are directly relevant to process safety projects. This network allows our onsite personnel access to in-depth process safety management (PSM) expertise and resources that can help augment the individual's knowledge base to provide best practices and benchmarking for technical questions.



**BROAD INDUSTRY EXPERIENCE**

Our experts average more than 25 years of process safety and risk management experience servicing a wide array of industries with high-hazard processes.



**FULL RANGE OF PROGRAM DEVELOPMENT & IMPLEMENTATION SERVICES**

Our award-winning Process Safety team helps clients develop, enhance and audit their PSM and RMP programs. As industry leaders, we have provided technical assistance to dozens of industry organizations by helping member companies interpret the PSM and RMP regulations and implement programs to achieve compliance. We were selected by the Independent Baker Panel to perform technical reviews and implementation assistance.

**HAZARD ANALYSIS**

**1,100+** Analyses in Last 10 Years

- Process Hazard Analysis (PHA)
- Layer of Protection Analysis (LOPA)
- Safety Integrity Level (SIL)
- HAZOP, HAZID, What-if and FMEA Studies
- HazardReview LEADER™ Software

**150+** Large-Scale Incidents

**INCIDENT INVESTIGATION**

- Scaled Support of Investigations
- Evidence Collection and Storage
- Incident Scene Management
- Root Cause Analysis (RCA)
- Forensic Engineering
- Technical Inspections
- RCA Software Solution

**PRIVATE & PUBLIC TRAINING COURSES**

**35,000** Students in Last 10 Years

- Complying with PSM and RMP
- Compliance Auditing for PSM and RMP
- PHA Leader
- Incident Investigation and RCA

**PSM/RMP PROGRAM SUPPORT**

Support for all OSHA/EPA Elements  
Gap Assessment  
Program Development  
Staff Augmentation  
Safety Culture Surveys  
Procedure Development  
Process Safety Information

**360+** Audits in Last 10 Years

**COMPLIANCE AUDIT**

- OSHA/EPA Regulations
- CCPS Risk Based Process Safety
- Health, Safety and Environmental (HSE)
- Seveso and COMAH
- International Regulations
- Company Specific Standards

**MECHANICAL INTEGRITY**

- Inspection, Testing and Preventive Maintenance (ITPM)
- Reliability Centered Maintenance
- Risk Based Inspections
- Computerized Maintenance Management Systems
- In-Service Inspections

**CONSEQUENCE ANALYSIS**

- Facility Siting (API RP 752, 753 and 756)
- Explosion and Fire Risk Assessment
- RMPlan Preparation
- Chemical Dispersion Modeling
- Explosion and Thermal Hazard Assessment/Mitigation