

# Process Safety Management

BURROW GLOBAL



## Promoting Compliance with Comprehensive Services

Leverage Burrow Global's extensive PSM expertise to streamline your compliance efforts. Our PSM focused engineering, automation, and construction services range from Pressure Safety Valve (PSV) verification audits and Process Hazard Analysis (PHA) leadership to Layer of Protection Analysis (LOPA) and Safety-Instrumented System (SIS) configuration, helping to simplify your path to PSM compliance.

## Engineering

- PSV Verification Audits Using industry Leading Software to Identify Compliance Gaps and Document Your Design Basis
- PHA Leadership by Trained HAZOP Facilitators
- PSM Procedure Development
- Flare Header Studies including Simulation and Capacity Evaluation
- PSV and Rupture Disk Design and Sizing

## Functional Safety

- Safety Lifecycle Management (SLM) Plan Development
- LOPA Validation
- Independent Protection Layer (IPL) Assessment and Design for Gap Closure
- LOPA Gap Analysis and Documentation Deficiency Resolution
- SIS Implementation Design and Configuration

## Construction

- Blast Resistance, Toxic Abatement, and Thermal Resistance
- Safe Havens and Emergency Operation Centers
- Facility Siting Support-API 751, 752
- Building Hardening, Relocation, Retrofit, and Repurposing

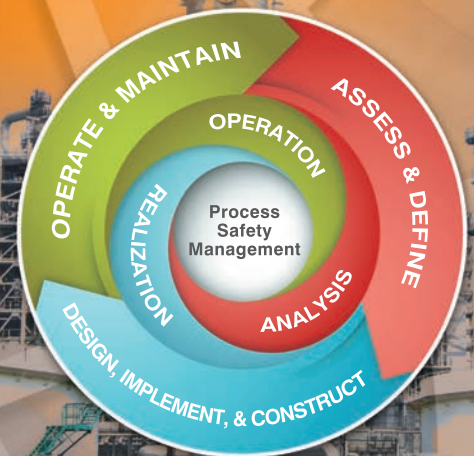
## PSM Experience

Burrow Global has provided PSM engineering, automation, and construction services to major refineries, petrochemical facilities, pipelines, and oil and gas producers. We understand industry compliance requirements, as well as your practical daily operational challenges, and we work hard to provide solutions that help you manage process safety in a straightforward, cost-effective manner.

**Whether you need compliance verification audits, documentation, and gap analysis, or require from scratch system design and PSM procedures, Burrow Global has the experience to deliver comprehensive support for your PSM efforts.**

## Client Benefits from Burrow Global's PSM Services:

- We reduce your implementation time and costs by using techniques and processes already proven in PSM compliant facilities
- Our flexible approach allows you to start where you are rather than using a one-size fits all methodology
- Our broad knowledge of industry regulations, diverse processes, and leading systems and software reduces ramp-up time and improves efficiency
- We are committed to delivering complete, quality documentation and reporting that provides you with a traceable design basis and engineering history
- Geographically distributed resources provide local support to reduce travel expenses



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