

LANGAN

EHS MANAGEMENT & COMPLIANCE CHEMICAL INDUSTRY

Langan uses a systematic approach to plan, design, and implement management systems for EHS compliance tracking. Our services enable Langan's clients to increase operational efficiency and productivity, reduce risks, and enhance collaboration and transparency of operations while preparing for changing safety and environmental compliance rules and shifting economic conditions.

INDUSTRY CHALLENGES



- Ever-Changing EHS Regulations and Complex Permit Requirements
- Product Innovations and Development with Limited Time to Market
- Complex Supply Chain Network
- Increasing EHS Demands on Limited Company Resources
- Growing Public Scrutiny
- Complexity of Safe Operations & Incident Management
- Deluge of Data with Limited Information Management Capabilities

SERVICE FEATURES TO ADDRESS CHALLENGES



- Supplier Transparency and Disclosures
- Chemical Substance Management
- Product Stewardship and Sustainability
- Environmental & Safety Incident Management
- Audits & Corrective Actions Management
- Regulatory Compliance Content Tracking & Reporting
- Environmental Emissions Management (Air, Water, & Waste)
- EPCRA Planning & Reporting
- Health & Safety (OSHA) Compliance Reporting
- Sustainability Monitoring & Reporting
- Information and Knowledge Management
- Corporate Requirements Tracking & Reporting

New Jersey • New York • Connecticut • Pennsylvania • Washington, DC • Virginia • West Virginia • Ohio • Florida • Texas • Arizona • California

Technical Excellence • Practical Experience • Client Responsiveness

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BUSINESS BENEFITS FROM OUR SERVICES

- End-to-End Supply Chain Knowledge
- Global Product Compliance Assurance
- Improved Employee Health & Safety
- Enhanced Regulatory Compliance & Transparency
- Improved Business Performance
- Decreased Operational Costs
- Reduced Liability & Risk Exposure
- Increased Value & Sales of Products and Services
- Enhanced Reputation & Stronger Brands
- Robust Strategic Planning for Asset Protection



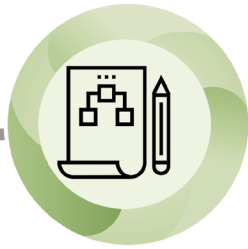
OUR EHS MANAGEMENT & COMPLIANCE APPROACH



Plan and Prepare

Comprehensive Plan and Roadmap:

- Process improvement priorities and plans
- Stakeholder analysis
- Benchmarking report
- System selection plan
- Scope, schedule, budget and quality plan
- Change management and communication plan
- Program governance plan



Design and Blueprint

Integrated Program Design:

- System selection and procurement
- Fit/gap analysis document
- Business, functional, and technical requirements
- Master data management plan
- System design documents



Build and Configure

Integrated Program Implementation:

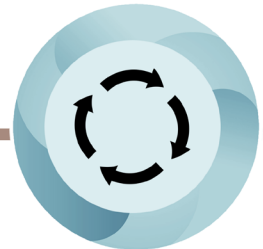
- Quality assurance plan
- System configuration and enhancements
- Workflow configuration
- System integration
- Data conversion
- System tests
- Production deployment plan



Finalize and Rollout

System Deployment:

- User access and security
- User acceptance test
- Scorecard and KPIs
- Reports and dashboards
- Go-live readiness assessment
- Standard procedures
- Training materials
- System training



Maintain and Support

System Maintenance:

- Adoption support
- System and content maintenance
- Regulatory review and procedure updates
- Knowledge transfer sessions

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