



Advanced Principals of a Safety and Health Management System

- Level 1 – Introduction and Foundation – 60 hours
 - Evaluate & Sort.
- Level 2 – Implementation and Management – 60 hours
 - Plan. Implement. Measure.

Training Description

An Occupational Health & Safety Management System (OH&SMS) defines the framework in which the organization cares for the occupational health and safety of its employees. It represents a set of rules, processes, plans, protocols, written practices and training for the prevention and abatement of occupational health and safety hazards and helps to detect risks in the workplace. OH&SMS is unique for every organization and it requires a trained team of employees who can problem solve, evaluate, interpret, and take on a leadership role in their organization. Participants will learn the critical problem solving, critical and organizational thinking, key performance indicators, macro, and micro processes that will impact the culture, operations, and customer experience.

Training Objectives

Training will be focused on developing a process of communication, advanced planning, problem solving, departmental and interdepartmental impact with implementation and measurable results. They will learn that a series of activities and actions that are repeated consistently will produce a transformation from individual inputs into a defined comprehensive output.

Lower Risk Rating

Prime, National, Government and Global Corporations need to be assured that your organization has a plan that is validated, and you have the resources to respond to unforeseen changes that would impact the quality or delivery of your product and/or services. When being measured against other suppliers, you want to be the lower risk. You will and increase potential market share by reducing your risks.

Reduce and Control Expenses

This program controls costs. It impacts lost time, insurance costs, strengthens your supply chain, creates efficient workstation processes, reduce physical exertion, manage inventory, and find new funding sources and resources from vendors.

Use Evidence-Based Decision Making. Using and creating accurate data will save your business money, time, resources and create strong efficiencies. This data will help make educated decisions, track progress, correct inefficiencies, find and abate risks quickly and use our employee resources in the best manner. A user-friendly process of communication will be integrated into each department and used companywide for continuity, simplicity and or a higher level of employee engagement.



Create a Culture of Continuous Improvement. We will be using a 12-month calendar year operations model with a repeatable safety management process within each month. Evaluate & Sort. Plan. Implement. Measure Cycle. Over time, it will increase levels of engagement by all employees throughout the organization. To build a culture that incorporates safety as a pillar within your organization will require the participation of all. First year focuses on evaluating and sorting. Second year focuses on plan, implement and measure.

Engage Your Workforce. Opportunities to participate within the system will be created and employees will be empowered to engage and contribute throughout the year. Engaged employees will have

- more clarity on OH&SMS issues and understand its impact and operations
- enhanced leadership involvement and worker participation in the OH&SMS
- risk-based thinking for the OH&SMS
- alignment of the OH&S policy and objectives with the strategic direction of the organization
- integration of the OH&SMS into the business processes of the organization
- be able to accommodate diverse geographical, cultural, and social conditions

Skill Attainment

- Participants will learn the Evaluate & Sort. Plan. Implement. Measure Cycle, which uses these elements to implement change within the processes of the organization to drive and maintain improvements within the processes.
- They will learn what risk-based thinking looks like and how to apply it
- They will create a set of language, terms, and definitions for effective communication
- They will be able to Evaluate, inspect and evaluate process in a SHMS
- They will know how to look up local, state, and federal regulations and interpret the information
- They will create and manage new roles and responsibilities within the SHMS

Curriculum

All sections include lecture, hands on demonstration, review of the month before, activities and peer lead discussions. Each month the participants will Evaluate & Sort. Plan. Implement. Measure Cycle to address various safety, security, environmental and health topics.

Evaluate

Identify a methodology for identifying, reporting, and evaluation of risks within each department of the organization. To creatively engage the workforce to prevention and a proactive response to abating risk.

Terms and Definitions

We will clearly define the organizations departments, hierarchy, resources, terminology being used, terminology in writing and employee understanding of these words.

Process Approach Impact

A process-based SHMS is a useful tool that provides continuity through operations, creating a link between departments, operations, policies, requirements, performance, objectives, actions, and thereby reducing negative impact and risk to the organization. Data will be gathered. Learning to understand what data is needed, where to get it and looking for gaps or lack of data resources.



SORT

Context of the Organization.

This section requires the organization to determine its context in terms of the SHMS, including interested parties and their needs and expectations. It requires the organization to determine all internal and external

ment of the objectives of the SHMS. A hypothesis will be concluded, and the data collected will help to create options, needs, and impact.

Leadership.

To create the plan, we need top leadership to support, agree to assigned processes of roles and responsibilities, grant adequate resources, training and input on realistic timelines. We may also need to assign and create new leadership roles within the organization or redesign hierarchy of communication and reporting.

PLAN

Planning. The planning section defines requirements for addressing risks and opportunities, and the requirements for occupational risk analysis. This clause also includes requirements for hazard identification and evaluation, determining legal and other requirements, OH&S objectives and plans for achieving them.

Support. This section defines requirements for supporting processes and provisions of resources necessary for effective operation of the OH&SMS. It defines requirements for people, infrastructure, work environment, monitoring and measuring resources, competence, awareness, communication, and documented information at all levels of the organization.

Operation. This section is focused on establishing operational, administrative, engineering, and environmental controls to eliminate the occupational health, security and safety risks, management of changes and emergency preparedness and response.

IMPLEMENT

This section is about finalizing the new leadership and training employees in the plan. The plan includes new roles and responsibilities within the management system, walking employees through the new processes and documents that support the desired outcomes and goals of this program. Its about peer monitoring and peer training to determine the best fit of employee into these new roles and responsibilities.

MEASURE

Performance Evaluation. The purpose of the requirements placed in this section is to provide the organization with mechanisms to determine the effectiveness of the management system. It contains requirements for necessary monitoring and measuring, including performance evaluation, inspections, compliance obligation, internal audit, drills, and management review.

Improvement. The last section defines requirements for continual improvement of the OH&SMS, including requirements for managing nonconformities, prevention, and response. It is the 12-month calendar that has been developed that will allow the organization to annually breakdown and reevaluate the management system.

This process builds achievement against set objectives and continual improvement.



MONTHLY CALENDAR Focused Initiatives

- Phase 1 (2021) Evaluate. Sort.
- Phase 2 (2022) Plan. Implement. Measure

All of the following topics will be used in Level 1 and Level 2 Trainings.

Phase 1 Training (60 hrs):

- Hazardous Chemical Safety Risks and Processes
- Hazardous Energy Sources Risks and Processes
- Moving and Motorized Platform Risks and Processes
- Large Equipment in Operation Risks and Processes
 - Power Industrial Truck
 - Overhead Crane
 - Scaffolding, Aerial Lifts and Scissor Lift
- Machine Guarding / Hand and Power Tools Risks and Processes
- Signage Postings – Emergency, Wayfinding, Warnings, Hazards, Directive, Informational
- Emergency Action Plan / Exposure Control and Business Continuity
- Creating, Developing and Implementing Specific Team Roles and Responsibilities in Emergency Response
- Fire Risks, Systems, Prevention, Facility Egress
- Incident Investigation / Near Miss / Injury and Illness Management and Processes

Phase 2 Training (60 hrs):

- New Hire Onboarding Process and Management
- Welding and Hot Work Risks and Processes
- Confined Space Risks and Processes
- Walking and Working Surfaces to include Fall Risks and Processes
- Developing Evaluation Processes for Safety, Health and Security
- Mapping out from Sourcing to Implementation all Personal Protective Equipment Used within the building. Determine its relevance, limitations, supply chain, implementation, and monitoring processes
- Industrial Hygiene Risks and Processes in Workplace
- Respiratory Protection Program
- Hearing Conservation Program
- Commercial Vehicle Risks
- Regulated Waste Management and Processes