Contractor Safety and Supply Chain HSE Compliance Training Course



26 - 30 Oct 2026

Boston

7500 € (Per Person)

Ref: #HSE9182_107554

Course Introduction / Overview:

This comprehensive training course provides an in-depth exploration of managing contractor safety and ensuring Health, Safety, and Environment (HSE) compliance throughout the supply chain. In today's interconnected global economy, the performance of contractors and suppliers is intrinsically linked to an organization's operational success, reputation, and legal standing. A failure in one part of the chain can have catastrophic consequences. This course addresses this critical business need by equipping participants with the strategic frameworks and practical tools to build a resilient and compliant operational ecosystem. Drawing on principles discussed by experts like Sidney Dekker in his work on Safety Differently, the program moves beyond traditional compliance-checking to foster a proactive safety culture. Participants will learn to integrate HSE considerations into every stage of the contractor and supplier lifecycle, from prequalification and procurement to on-site management and performance evaluation. BIG BEN Training Center has designed this curriculum to be intensely practical, referencing concepts from established guides like "Managing Contractor Safety" to ensure that theoretical knowledge is translated into actionable workplace strategies. The goal is to empower professionals to not only mitigate risks but also to leverage superior HSE management as a competitive advantage, ensuring both human safety and business continuity.

Target Audience / This training course is suitable for:

- Health, Safety, and Environment (HSE/EHS) Managers and Specialists.
- Supply Chain and Logistics Managers.
- Procurement and Contracts Managers.
- Project Managers and Engineers.
- Operations and Site Supervisors.
- Compliance and Risk Management Officers.
- Facilities and Maintenance Managers.
- Senior management with oversight of operations and procurement.

Target Sectors and Industries:

- Construction and Engineering.
- Oil and Gas.
- Manufacturing and Industrial Production.
- Energy, Power, and Utilities.
- Logistics, Warehousing, and Transportation.
- Pharmaceuticals and Chemicals.
- Mining and Heavy Industry.
- Government agencies and public sector infrastructure projects.

Target Organizations Departments:

- Health, Safety, and Environment (HSE) Department.
- Procurement and Purchasing Department.
- Supply Chain and Logistics Department.
- Project Management Office (PMO).
- Operations and Production Department.
- Contracts and Legal Department.
- Quality Assurance and Control (QA/QC) Department.
- Facilities Management Department.

Course Offerings:

By the end of this course, the participants will have able to:

- Develop and implement a robust contractor prequalification and selection process.
- Integrate critical HSE clauses and requirements into procurement contracts.
- Master the principles of risk assessment and job safety analysis for contractor activities.
- Effectively manage and monitor contractor performance on-site.
- Implement and oversee a comprehensive Permit to Work (PTW) system.
- Conduct effective HSE audits and inspections of contractor operations and suppliers.
- Investigate incidents involving contractors and derive actionable lessons learned.
- Develop key performance indicators (KPIs) to measure and improve supply chain HSE performance.
- Foster a positive and collaborative safety culture with third-party partners.
- Ensure legal and regulatory HSE compliance across the entire supply chain.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and focused on practical application to ensure participants can immediately apply their learning in the workplace. This course moves beyond traditional lectures, employing a blended learning approach that includes facilitator-led presentations, in-depth case study analyses of real-world contractor incidents, and interactive group workshops. Participants will work in teams to develop contractor HSE plans, evaluate supplier prequalification documents, and conduct mock risk assessments. Role-playing exercises will simulate challenging scenarios such as contractor safety briefings and on-site safety interventions, allowing for skill development in a controlled environment. The course heavily emphasizes peer-to-peer learning through open discussions and brainstorming sessions, enabling participants to share experiences and solutions from their respective industries. Continuous feedback is provided by the expert instructor to guide learning and reinforce key concepts. This immersive and hands-on approach ensures a deep understanding of contractor safety management and supply chain HSE compliance, transforming theoretical knowledge into tangible, professional competence.

Course Agenda (Course Units):

Unit One: Foundations of Contractor and Supply Chain HSE Management

- Introduction to contractor safety management principles.
- The legal and regulatory framework for HSE compliance.
- Understanding the roles and responsibilities of the client, contractor, and subcontractor.
- The business case for effective contractor HSE management.
- Core principles of hazard identification and risk assessment.
- Integrating HSE into the overall business and supply chain strategy.
- Understanding the impact of organizational culture on contractor safety.

Unit Two: The Contractor Management Lifecycle: Prequalification to Mobilization

- Developing robust contractor prequalification and selection criteria.
- Techniques for evaluating contractor HSE performance and capabilities.
- Crafting effective HSE requirements for tenders and contracts.
- The role of contract language in defining safety obligations.
- Conducting pre-award and post-award HSE meetings.
- Developing a comprehensive contractor onboarding and orientation program.
- Planning for contractor mobilization and site establishment.

Unit Three: On-Site Control of Work and Performance Monitoring

- Implementing effective Permit to Work (PTW) systems for high-risk activities.
- Conducting Job Safety Analysis (JSA) and Toolbox Talks.
- Managing simultaneous operations (SIMOPS) with multiple contractors.
- Techniques for effective on-site safety inspections and observations.
- Monitoring contractor HSE performance using leading and lagging indicators.
- Managing non-conformances and implementing corrective actions.
- Effective communication and coordination with contractor personnel.

Unit Four: HSE in the Broader Supply Chain

- Extending HSE principles beyond on-site contractors to suppliers and vendors.
- Conducting supplier HSE audits and assessments.
- Managing risks associated with logistics, transportation, and warehousing.
- Ensuring compliance for hazardous materials handling and transportation.
- Integrating sustainability and environmental criteria into the supply chain.
- Managing subcontractor HSE performance and compliance.
- Building a resilient supply chain through proactive HSE management.

Unit Five: Auditing, Incident Management, and Continuous Improvement

- Principles of effective HSE auditing for contractors and suppliers.
- Developing and implementing a contractor HSE audit program.
- Contractor incident reporting, investigation, and root cause analysis.
- Learning from incidents and sharing lessons across the organization.
- Conducting contractor performance reviews and close-out meetings.
- Strategies for fostering a culture of continuous improvement with contractors.
- Developing a long-term strategy for collaborative contractor safety partnerships.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can an organization effectively cascade its internal safety culture to transient, third-party contractors who may have different organizational values and priorities?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by adopting a holistic, end-to-end lifecycle approach that fully integrates contractor safety management with broader supply chain HSE compliance. Unlike programs that treat these as separate disciplines, this curriculum demonstrates how a failure in supplier compliance can directly impact on-site contractor safety, and vice versa. It bridges the critical gap between procurement, operations, and HSE departments, providing a unified framework that addresses the practical challenges of organizational silos. The content moves beyond mere regulatory compliance, focusing on building proactive, risk-based systems that enhance operational resilience and efficiency. Through extensive use of complex case studies drawn from various industries, participants are challenged to analyze real-world failures and develop robust, preventative strategies. The emphasis is not just on what to do, but how to do it effectively within a complex, multi-stakeholder environment. This strategic perspective empowers participants to champion a culture of shared safety responsibility, transforming the client-contractor relationship from a transactional arrangement into a genuine safety partnership, thereby creating sustainable value and protecting both people and assets.