

H S E

HEALTH

SAFETY

ENVIRONMENT



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HSE Construction Site Leadership

Duration: 5 Days

Introduction:

A photograph showing four safety officers in the foreground, viewed from behind. They are wearing white hard hats and high-visibility yellow safety vests with reflective silver stripes. The vest of the person on the right has "Safety Officer" printed on it. They are looking towards a large construction site with extensive scaffolding. In the background, other workers in safety gear are visible on different levels of the scaffolding. The scene is illuminated by warm, golden light, suggesting late afternoon or early morning.

In today's highly competitive and challenging environment, it is critical to have a proper perspective on the direction in which your organization is heading. This course will focus on issues and challenges faced in the construction industry in most

industrial sector and point you in the correct direction for the protection of lives and property and protect the environment for future generation and also avoid the long arm of the law. The course is designed to stretch delegates in order to equip them with the knowledge and confidence to supervise, lead and manage health, safety and environment of staff and contractors in a construction site in any industry including oil and gas, manufacturer, chemical, pharmaceutical, new developments, public infrastructure, etc. including a fast moving and complex business environment. The course is a unique distillation of the skills that you need to be successful in managing HSE with a very keen focus on sharing the HSE experience in developed countries like the UK and transferring such skills to the Nigerian construction industry. The highlights of the course are as follows:

- Understanding HSE implementation in developed countries (UK Focus)
- Understanding the legal frameworks for sustaining HSE culture
- Understanding the employer and employee responsibility
- Managing HSE in a construction environment
- HSE implementation in complex sites and complex operations
- Understanding corporate HSE responsibilities
- Comparison of Nigerian HSE environment
- Understanding organization culture from a behavioral perspective

Who Should Attend?

Team Leaders, Managers, Line Managers, Supervisors, Team Leaders, Project Managers, Control Center Operators and Supervisors, Emergency Dispatchers, Security Personnel and CCTV Operators, HSE Officers, HSE Personnel, HSE Professionals, Emergency Response Team Members, HSE Managers and Auditors, Health & Safety and Environmental Professionals, Coordinators, Specialists and other full-time safety practitioners, Fire Officers, Loss Control Managers, Security Directors and Managers, Security Supervisors, Facilities Directors and Managers, HR and Administrative Managers with responsibility for security, Project Managers, Safety Inspectors, Plant Managers and Supervisors, Incident Control Point (Forward Control) Team Members, Supervisors, Advisors, Auditors, Laboratory Personnel, Emergency Personnel, Maintenance Personnel, Procurement and Supply Chain Managers, Engineers & Maintenance Personnel, Experienced and new auditors linked to the company's HSE Management Systems, HSE-MS Personnel, Personnel involved in implementing the Company's HSE-MS, Control Center Operators and Supervisors, Security Personnel and CCTV Operators,

Course Objectives:

By the end of this course delegates will be able to:

- Have concise, comprehensive coverage of HSE implementation; detailing important Legal framework for sustaining HSE programs
- Grasp the essential ingredients of:
 - HSE implementation
 - Challenges of managing HSE in construction
 - Legal implication of HSE management in construction
- Understand the skills required to supervise and manage HSE in a construction site
- Know the tools required for continued monitoring of HSE on site
- Understand the skills required to develop a functional HSE system in an organization
- Understand employer and employee roles and responsibilities
- Improve organization culture via behavioral HSE implementation
- Understand the essential legislation and practices used in sustaining HSE in the construction industry in advanced democracy
- Have a clear understanding of vital skills, tools, concepts and proven strategies required for construction HSE
- Apply the concepts, tools and analytical techniques and knowledge to bring about improved HSE implementation in an organization
- Understand the employer and employee role and responsibility in HSE implementation
- Be able to transfer some of the learning into the organization even in a poor legal framework
- Understand and develop HSE systems based on behavior to enhance the organization' HSE culture
- Improved chances for persons interested in working in the UK

Course Outline:

Legislation and Management

- The health and safety at work etc. Act 1974
- Responsibilities, offences and penalties etc.
- Safety policies
- Consultation with employees
- Induction training
- General health and safety legislation
- Risk assessments and method statements
- The construction (design & management) regulation 2007
- safety inspections and auditing
- Safety at street works and road works
- Setting up site
- Security on site
- Statutory forms, notices and registers
- Case study

Occupational Health and Hygiene

- The management of health on site
- Personnel protective equipment
- The control of substances hazardous to health
- First aid at work
- Food safety on site
- Working with lead
- Manual handling
- Asbestos in workplace
- Dust hazards and control of fumes
- Control of noise
- Protection of the eyes
- Protection of the skin
- Control of vibration

Working at Height

- The work at height regulations 2005

- Ladders, steps and lightweight staging
- Working over or near water
- System scaffolds and mobile towers
- Tube and fitting scaffolds
- Safe working on roofs and at heights
- Fall-arrest and suspension equipment
- Safety with steelwork
- Case study

Safe Use of Plant and Equipment

- Abrasive wheels
- Cartridge operated tools
- Lifting operations, equipment and accessories
- Mobile elevated working platform
- Hoists and hoist tower
- Plant and work equipment
- Woodworking machines

Other Hazardous Activities

- Trackside safety - railways
- Working with or near buried services
- Lone working
- Electrical safety on site
- Working in and around excavations
- Working in confined spaces
- Safety in demolition

Human Factors

- Accident Prevention and Control
- Accident reporting and investigation
- Behavior-based safety
- Drugs and alcohol misuse

Waste Management and the Environment

- Waste management
- Environmental management

Fire and Flammable Substances

- Fire prevention and control in the office
- Fire prevention and control on site
- Dangerous substances
- Liquefied petroleum gases
- Vehicle fuels (including petrol, diesel and LPG)

Miscellaneous

- Acronyms used in the building and construction industry
- Sources of health and safety information
- Safety signs