

COURSE OVERVIEW HE0741
OSHA General Industry
(E-Learning Module)

Course Title

OSHA General Industry (E-Learning Module)

Course Reference

HE0741

Course Format & Compatibility

SCORM 1.2. Compatible with IE11, MS-Edge, Google Chrome, Windows, Linux, Unix, Android, IOS, iPadOS, macOS, iPhone, iPad & HarmonyOS (Huawei)

Course Duration

10 online contact hours
(1.0 CEUs/10 PDHs)

Course Description



The OSHA 10-hour General Industry course is intended to provide entry level general industry workers information about their rights, employer responsibilities, and how to file a complaint as well as how to identify, abate, avoid and prevent job related hazards on a job site. The course covers a variety of general industry safety and health hazards which a worker may encounter. Further, the course will emphasize hazard identification, avoidance, control and prevention, not OSHA standards.

This course is designed to provide participants with a detailed and up-to-date overview of occupational safety and health administration (OSHA) general safety. It covers the workers' rights, employers responsibilities and how to file a complaint; the safety provisions specifically walking and working surfaces including fall protection; the exit routes, emergency action plans, fire prevention plans and fire protection; the different hazards associated with electricity and electrical equipment; the proper use and maintenance of the various types of personal protective equipment; the hazard communication, hazardous materials and proper material handling; the guarding requirements for specific types of machinery and equipment; the industrial hygiene requirements and bloodborne pathogens; and the ergonomics, safety and health program, fall protection and the other general industry hazards or policies.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain a good working knowledge on OSHA general industry safety and health
- Define OSHA and discuss the workers' rights, employers' responsibilities and how to file a complaint
- Explain safety provisions specifically walking and working surfaces including fall protection
- Define exit routes and carryout emergency action plans, fire prevention plans and fire protection
- Recognize the different hazards associated with electricity and electrical equipment
- Discuss proper use and maintenance of the various types of personal protective equipment
- Determine and employ hazard communication
- Identify hazardous materials and carryout proper material handling
- Observe the guarding requirements for specific types of machinery and equipment
- Recognize industrial hygiene requirements and discuss bloodborne pathogens
- Discuss ergonomics, safety and health program, fall protection including the other general industry hazards or policies

Who Should Attend

This course provides a wide understanding and deeper appreciation of health and safety in accordance with the OSHA standard for those who are involved in management and control of safety, risks, audits, incident costs, environmental aspects, legislation and quality control. This includes department managers, section heads, first-line supervisors and safety (HSE) professionals who are seeking OSHA General Safety Certification.

Training Methodology

This Trainee-centered course includes the following training methodologies:-

- Talking presentation Slides (ppt with audio)
- Simulation & Animation
- Exercises
- Videos
- Case Studies
- Gamification (learning through games)
- Quizzes, Pre-test & Post-test

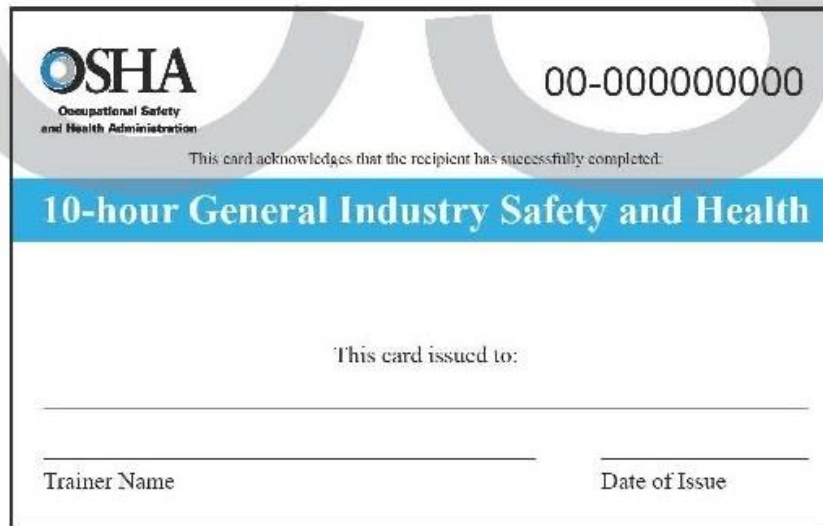
Every section/module of the course ends up with a Quiz which must be passed by the trainee in order to move to the next section/module. A Post-test at the end of the course must be passed in order to get the online accredited certificate.

Course Certificate(s)

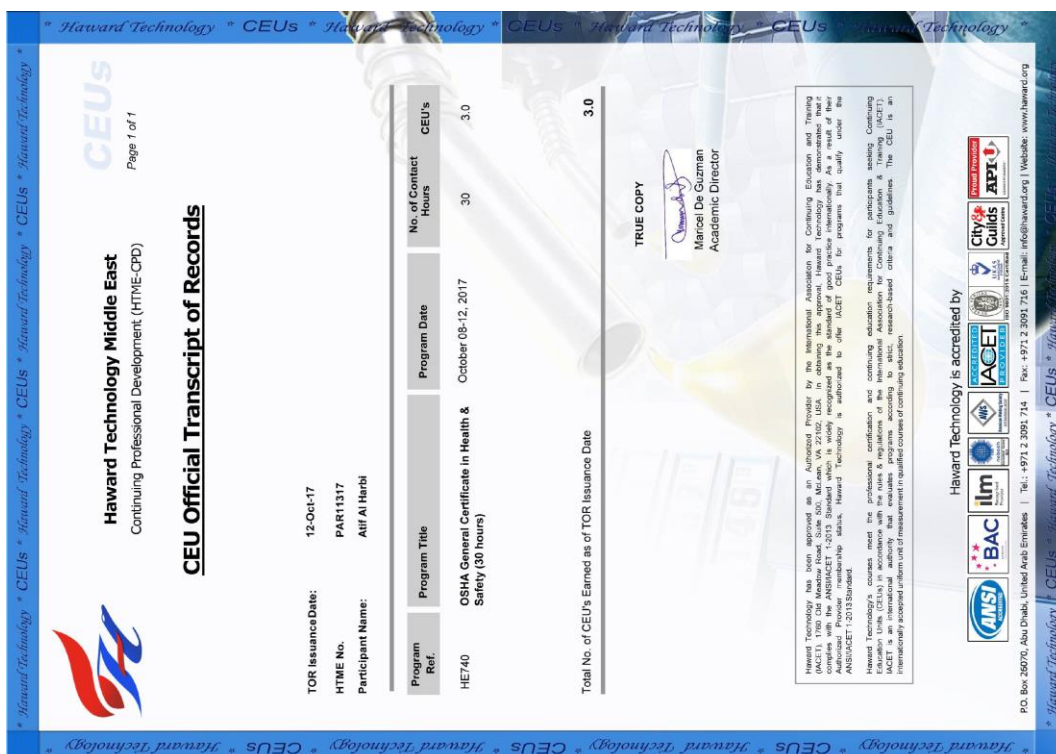
- (1) Internationally recognized certificates will be issued to all participants of the course.
- (2) OSHA Wallet Card Certificates will be issued to participants who have successfully completed the course and passed the exam at the end of the course.

OSHA Card Certificate(s)

The following wallet card certificate is a sample of the OSHA card certificates that will be issued to successful candidates:




- (3) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course



Certificate Accreditations


Certificates are accredited by the following international accreditation organizations:-

- 
USA International Association for Continuing Education and Training (IACET)

Haward Technology is an Authorized Training Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 1-2013 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 1-2013 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Association for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **1.0 CEUs** (Continuing Education Units) or **10 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

- 
British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Course Fee

As per proposal

Course Contents

- Introduction to OSHA
- What is OSHA?
- Is there a need for OSHA?
- Has OSHA Made a Difference?
- What does OSHA do?
- Who is Covered by the OSH Act?
- OSHA Standards
- What does OSHA require?
- Recordkeeping and Reporting
- What are workers' responsibilities?
- What are workers' rights?
- OSHA's Workers' Page
- What are employers' rights and responsibilities?
- Workplace Inspections
- Inspection Process
- Conducting the Walkaround Inspection
- What happens after an OSHA inspection?
- Sources of Assistance
- OSHA Web Site)(www.osha.gov)
- Where to Get OSHA Standards
- Consultation Assistance
- OSHA Emergency Hot-Line 1-800-321-OSHA
- Summary
- Electrical Safety
- Electricity - The Dangers
- Electricity – How it Works
- Electrical Injuries
- Electrical Shock
- Shock Severity
- Dangers of Electrical Shock
- Burns



- Falls
- Electrical Hazards and How to Control Them
- Hazard – Exposed Electrical Parts
- Control – Isolate Electrical Parts
- Control – Isolate Electrical Parts - Cabinets, Boxes & Fittings
- Control – Close Openings
- Hazard - Overhead Power Lines
- Control - Overhead Power Lines
- Hazard - Inadequate Wiring
- Control – Use the Correct Wire
- Hazard – Defective Cords & Wires
- Hazard – Damaged Cords
- Control – Cords & Wires
- Permissible Use of Flexible Cords
- Grounding
- Hazard – Improper Grounding
- Control – Ground Tools & Equipment
- Control – Use GFCI (ground-fault circuit interrupter)
- Control - Assured Equipment Grounding Conductor Program
- Hazard – Overloaded Circuits
- Control - Electrical Protective Devices
- Power Tool Requirements
- Tool Safety Tips
- Preventing Electrical Hazards – Tools
- Temporary Lights
- Clues that Electrical Hazards Exist
- Lockout and Tagging of Circuits
- Safety-Related Work Practices
- Preventing Electrical Hazards Planning
- Avoid Wet Conditions
- Preventing Electrical Hazards – PPE
- Preventing Electrical Hazards – Proper Wiring and Connectors
- Training



- Summary – Hazards & Protections
- Summary
- Lockout/Tagout/Verify Awareness
- Lockout/Tagout/Verify Procedures
- Definitions of Terms You Will Likely Hear
- Isolating Device
- Equipment Specific Procedures
- Lockout/ Tagout
- You Will See Different Colored Locks
- You Will See Two Different Color Tags In Use
- What a Typical Lockout/Tagout Looks Like with an Equipment Lock
- What a Typical Lockout/Tagout Looks Like with a Personal Protection Lock
- What a Typical Lockout/Tagout Looks Like with a Contractor & Personal Protection Lock
- Verify
- You Have a Role
- Authorized Employee
- Affected Employee
- You May Be Both
- Key to Successful Lockout/Tagout/Verify
- Authorized Employees
- Affected Employees
- As an Affected Employee
- Fire Safety & Fire Extinguisher Use
- How Does a Fire Work?
- Types of Fires
- Different Kinds of Extinguishers
- All Purpose Water
- Carbon Dioxide
- Multi-Purpose Dry Chemical
- P.A.S.S. Method
- When NOT to Fight a Fire!
- Most Important Slide
- Emergency Procedures



- Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection
- Introduction
- Exit Route
- Exit Routes Basic Requirements
- Exit Discharge
- Exit Doors Must Be Unlocked
- Side-Hinged Exit Door
- Exit Route Capacity and Dimensions
- Minimize Danger to Employees
- Exit Marking
- Emergency Action Plan
- Fire Prevention Plan
- Portable Fire Extinguishers
- Extinguisher Classification
- Maintaining Portable Fire Extinguishers
- Portable Fire Extinguisher Training and Education
- Summary
- Walking-Working Surfaces
- Introduction
- General Requirements Housekeeping
- General Requirements Aisles and Passageways
- General Requirements Covers and Guardrails
- General Requirements Floor Loading Protection
- Floor Opening
- Guarding Floor Openings Definitions
- Stairway Floor Openings
- Ladderway Floor Openings
- Floor Hole
- Wall Openings
- Open-Sided Floors and Platforms
- Open-Sided Floors, Walkways, Platforms, and Runways
- Stairways
- Fixed Industrial Stairs





- Portable Ladders
- Ladder Angle Portable Rung and Cleat Ladders
- Fixed Ladders
- Scaffolding General Requirements
- Summary
- Permit Required Confined Spaces
- Standards
- Purpose of Program
- Scope and Application
- Definitions
- Confined Space
- Hazardous Atmosphere
- Hot Work Permit
- IDLH
- Non-Permit Confined Space
- Oxygen Deficient Atmosphere
- Oxygen Enriched Atmosphere
- Permit-required Confined Space
- Entry Supervisor
- Authorized Entrant
- Attendant
- Duties of Assigned Individuals
- Entry Supervisor's Duties
- Authorized Entrant's Duties
- Attendant's Duties
- Permit
- Training Requirements
- Confined Space Emergencies
- Questions
- Personal Protective Equipment
- Protecting Employees from Workplace Hazards
- Engineering Controls
- Work Practice Controls



- Examples of PPE
- Establishing a PPE Program
- Training
- Eye Protection
- What are some of the causes of eye injuries?
- Safety Spectacles
- Goggles
- Welding Shields
- Laser Safety Goggles
- Face Shields
- Head Protection
- What are some of the causes of head injuries?
- Classes of Hard Hats
- Hearing Protection
- Examples of Hearing Protectors
- Foot Protection
- What are some of the causes of foot injuries?
- Safety Shoes
- Metatarsal Guards
- Hand Protection
- What are some of the hand injuries you need to guard against?
- Types of Gloves
- Body Protection
- What are some of the causes of body injuries?
- Summary
- Flammable and Combustible Liquids
- Introduction
- Flash Point
- Combustible Liquids
- Classes of Flammable and Combustible Liquids
- Classes of Some Flammable Liquids
- Components
- Sources of Ignition



- Static Electricity
- Bonding
- Grounding
- Ventilation
- Storage Fundamentals
- Storage of Flammable and Combustible Liquids
- Safety Cans for Storage and Transfer
- Flame Arrester Screen
- Storage Cabinets
- Fire Control
- Transferring Flammable Liquids
- Self-Closing Safety Faucet
- Safety Pumps
- Waste and Residue
- Flammable Liquids Safe Handling Fundamentals
- Summary
- Ergonomics
- Unlocking the potential Training for managers & supervisors
- What is Ergonomics
- Ergonomic Design
- Why Ergonomics?
- Proper Ergonomics
- MSD
- Muscular Skeletal Disorders
- MSDs include
- Muscular Skeletal Disorders
- MSDs are caused by
- Risk Factors
- Environment Risk Factors
- Activity Risk Factors
- Heat & Cold
- Vibration
- Lighting



- Tool design
- Noise
- Force & Exertion
- Posture
- Repetition
- Gripping
- Lifting
- Eight Ergonomic Risk Factors
- Exercise Part 1
- Exercise Part 2
- Exercise Part 3
- Exercise Part 4
- Exercise Part 5
- Exercise Part 6
- Control Measures
- Hazard Controls
- Engineering Controls
- Administrative Controls
- Work Practice Controls
- Twelve Principles of Ergonomics
- Keep Everything in Easy Reach
- Easy Reach
- Work at Proper Heights
- Proper Heights
- Reduce Excessive Forces
- Work in Good Posture
- Reduce Excessive Repetition
- Minimize Fatigue
- Minimize Direct Pressure
- Provide Adjustability and Change of Posture
- Provide Clearance and Access
- Clearance and Access
- Maintain a Comfortable Environment

- Comfortable Environment
- Enhance Clarity and Understanding
- Improve Work Organization
- Cumulative Trauma
- Analysis Tools
- Checklists
- Program Elements
- Management Leadership
- Hazard Identification
- Information & Training
- Employee Involvement
- MSD Management
- Program Evaluation
- Recordkeeping
- Forms
- Program Forms
- Solutions
- A Guide to Carpal Tunnel Syndrome
- Introduction
- Anatomy the Median Nerve
- Symptoms of Carpal Tunnels Syndrome
- Symptoms
- Symptoms & Diagnosis
- Treatment a- Non-Operative Treatment
- Investigating Accidents How to find out what really happened
- The Accident
- What is an Accident?
- Basic Types of Accidents
- Near-miss
- Accidents have two things in common
- Outcomes of Accidents
- The Aim of the Investigation
- The Investigation

- Investigation Strategy
- Secure the Scene
- Provide Care to the Injured
- Isolate the Scene
- Ask “What Happened”
- Interview Victims & Witnesses
- The Interview
- Gather Evidence
- Review Records
- Isolate fact from Fiction
- NORMS of Objectivity
- Investigation Traps
- Contributing Factors
- Contributing Factors Investigation Strategy
- Determine Causes
- Find Root Causes
- Prepare a Report
- Make Recommendations
- Company Accident Forms
- Benefits of Accident Investigation
- Thank you!
- What have you learned?
- Investigation into Glacial Acetic Acid Spillage
- The Accident
- Causes (Contributing Factors)
- Equipment
- Environment
- People (Management)
- Attitude
- Corrective Action
- Containers
- Attitude
- PPE



- The Three Basic Causes
- Examples of Accident Causes
- Hazard Communication
- Introduction
- Purpose of OSHA's Hazard Communication Standard
- Who is covered?
- Employer Responsibilities
- How can workplace hazards be minimized?
- Why is a written program required?
- Written HazCom Program Requirements
- How must chemicals be labeled?
- Container Labeling in the Workplace
- Material Safety Data Sheets
- Training
- What training is needed to protect workers?
- What information must be provided to workers?
- Summary
- Creating an Effective Job Safety Analysis (JSA)
- Goals
- JSA Key Terms
- What is a Job?
- What is a Hazard?
- What is an "Exposure"?
- What is Analysis?
- What is a JSA?
- JSA Purpose
- 4 Steps of a JSA
- The Hierarchy of Controls
- Engineering Controls
- Management Controls
- Equipment Inspections
- Personal Protective Equipment
- Now What?



- JSA
- Who Should Do?
- What are the Benefits?
- Mechanical Hazards and Machine Safeguarding
- Major Topics
- Common Types of Mechanical Injury Hazards
- OSHA's Requirements for Machine Guarding
- Requirements for All Safeguards
- Types of Point-of-operation Guards
- Point-of-operation Devices
- Advantages and Disadvantages of Feeding and Ejection Systems
- Hazards of Robots
- Robot Safeguards
- Lockout System
- Tagout system
- Impact of Lockout/Tagout System
- Main Provisions of OSHA's Lockout/Tagout System
- Risk Assessment in Machine Operation
- Evaluating Lockout/Tagout Programs
- Summary