

## COURSE OVERVIEW HE1773-6M-IH

### Emergency Response Plan (ERP) for KNPC - Customized

### (E-Learning Module)

**Course Title**

Emergency Response Plan (ERP) for KNPC – Customized (E-Learning Module)

**Course Reference**

HE1773-6M-IH

**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**

30 online contact hours  
(3.0 CEUs/30 PDHs)



**Course Description**



This E-Learning is designed to provide participants with a detailed and up-to-date overview of KNPC Customized Emergency Response Plan (ERP). It covers the requirements and challenges of emergency response including data goals, analysis goals and communication goals; the crisis management planning and risk assessment process; the data analysis tool, risk analysis tool and ranking tool; the risk assessment and management and risk management process; the domino effect and hazard identification, risk assessment and risk control; the emergency response team roles and responsibilities; and the basic steps in risk management.

Further, the course will also discuss the risk management hierarchy and hierarchy of risk control measures; the risk management, security and emergency response and emergency preparedness; the types of emergencies, objectives of an ER plan and emergency support teams; the coordination and communication and potential threats and crisis response team structure; the emergency preparedness, evacuation, incident reporting and emergency actions at work; and the most common types of emergencies and proper emergency response procedure.

During this interactive course, participants will learn the alarm system, training requirements, fire protection plan, workplace fire hazards, housekeeping and training recommendations; the emergency reporting and notification as well as emergency preparedness plan; the hazards, accident scenarios and means for declaring emergency; the emergency management, emergency action plan and mutual aid scheme; the emergency control centre, assembly point and escape routes; the purpose, benefits and basic features of incident command system (ICS); the site emergency evacuation plan and emergency response regulatory requirements; the emergency alert system, emergency procedures guide, community emergency response team and OSHA requirement; the HAZCOM (hazard communication training), OSHA standards 29 CFR, parts 1900-1910, government regulatory acts and environmental protection agency (EPA); the hazardous waste, hazardous substance, effects of toxic material, toxic materials and safety data sheet (SDS); and the labelling requirements, globally harmonized system (GHS), national fire protection association and environmental health and safety.

### **Course Objectives**

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

- Apply and gain a comprehensive knowledge on KNPC customized emergency response plan (ERP)
- Discuss the requirements and challenges of emergency response including data goals, analysis goals and communication goals
- Carryout crisis management planning and risk assessment process as well as identify data analysis tool, risk analysis tool and ranking tool
- Employ risk assessment and management and risk management process
- Describe the domino effect and apply hazard identification, risk assessment and risk control
- Recognize the emergency response team roles and responsibilities and apply the basic steps in risk management
- Discuss the risk management hierarchy and hierarchy of risk control measures
- Carryout risk management, security and emergency response and emergency preparedness
- Identify the types of emergencies, objectives of an ER plan and emergency support teams
- Employ coordination and communication and identify potential threats and crisis response team structure
- Apply emergency preparedness, evacuation, incident reporting and emergency actions at work
- Identify the most common types of emergencies and apply proper emergency response procedure
- Recognize alarm system, training requirements, fire protection plan, workplace fire hazards, housekeeping and training recommendations

- Carryout emergency reporting and notification as well as emergency preparedness plan
- Identify hazards, accident scenarios and means for declaring emergency
- Apply emergency management, emergency action plan and mutual aid scheme as well as recognize emergency control centre, assembly point and escape routes
- Discuss incident command system (ICS) including its purpose, benefits and basic features
- Close and return to work and apply site emergency evacuation plan
- Recognize emergency response regulatory requirements and employ OSHA and emergency procedures
- Discuss emergency alert system, emergency procedures guide, community emergency response team and OSHA requirement
- Apply HAZCOM (hazard communication training), OSHA standards 29 CFR, parts 1900-1910, government regulatory acts and environmental protection agency (EPA)
- Identify hazardous waste, hazardous substance, effects of toxic material, toxic materials and safety data sheet (SDS)
- Update labelling requirements and discuss globally harmonized system (GHS), national fire protection association and environmental health and safety

### **Who Should Attend**

This course provides an overview of all significant aspects and consideration of KNPC customized emergency response plan (ERP) for all senior management, emergency management team, departmental representatives, health and safety personnels, security personnels, employee representatives, communications and public relations personnels and legal advisors.

### **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)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

### Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -


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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors 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 2018-1 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 2018-1 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 Accreditors 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 **3.0 CEUs** (Continuing Education Units) or **30 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.

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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

- Emergency Response: Requirements
- Emergency Response: Challenges
- Data Goals
- Analysis Goals
- Communication Goals
- Cerro Grande Fire (May 2000)
- Key Findings from Major Fires
- Crisis Management Planning
- Risk Assessment Matrix
- Principles of Risk Assessment
- Risk Assessment Process
- Data Analysis Tool
- Risk Analysis Tool
- Ranking Tool
- Case Study #1
- Quiz #1
- Risk Assessment and Management
- What is Risk?
- Acceptable Level of Risk
- Where Does the Concept of Risk Came From?
- First Studies of Risk
- Risk
- Individual Perceptions
- The Risk Management Process
- Accident Theory
- Accident Single Factor Theory - Example
- Accidents Energy Theory
- Accident Multiple Factor Theory
- Accident Multiple Factor Theory - Example
- Domino Effect
- Hazard Identification
- Risk Assessment

- Likelihood (or probability) of an Event
- Likelihood
- Consequences
- Risk Control
- Hierarchy of Control
- Monitoring and Review
- Case Study #2
- Quiz #2
- Emergency Response Team Roles and Responsibilities
- Motivation for Risk Management
- Cost, Risk and Professional Skill
- Basic Steps in Risk Management
- The Risk Management Hierarchy
- Hierarchy of Risk Control Measures
- Risk Management
- Security and Emergency Response
- Overview – Key Facts
- Emergency Preparedness
- Types of Emergencies
- Objectives of an ER Plan
- Emergency Support Teams
- Coordination and Communication
- Potential Threats
- Crisis Response Team Structure
- Crisis Response Team's Link to the Operations Program
- Emergency Preparedness
- Evacuation
- Safe Assembly Area / Shelter-in-Place
- Reporting an Incident
- Reacting to an Incident – Fire
- Reacting to an Incident – Chemical, Biological or Radiological (CBR) Release
- Reacting to an Incident – Chemical, Biological or Radiological Release
- Reacting to an Incident – Suspicious Package/ Explosive
- Reacting to an Incident – Terrorism

- Emergency Actions at Work
- Family Emergency Actions
- Next Steps
- Case Study #3
- Quiz #3
- Emergency Action Plan Site Emergency Alarms
- OSHA REQUIREMENTS 1910.38(a) - Employee Emergency Plan Elements
- Why are we Concerned?
- What are the Most Common Types of Emergencies?
- What is your Emergency Response Procedure?
- Key Questions
- When Does it Begin?
- Evacuation
- Procedures
- Alarm System
- Training Requirements
- Fire Protection Plan
- Workplace Fire Hazards
- Housekeeping
- Training Recommendations
- Summary
- Evacuation – What does it Mean?
- Case Study #4
- Quiz #4
- Emergency Reporting and Notification
- Multimedia Message Alerts
- IM alerts
- Text Alerting
- Mass Recall system
- Case Study #5
- Quiz #5
- Emergency Control Centers
- Why Emergency Preparedness
- Need of Emergency Plan

- Scope
- Emergencies
- Objectives of the Emergency Plan
- Contents of Emergency Plan
- Identification of Hazards
- Accident Scenarios
- Means for Declaring Emergency
- Declaration of Emergency
- Resources
- Site Emergency Director
- Advisory Group
- Damage Control Group
- Station Officer
- Information Officer
- Security Officer/Asst. Security Officer
- Emergency Management
- General Information
- Emergency Action Plan
- Mutual Aid Scheme
- Emergency Control Centre
- Assembly Point and Escape Routes
- List of Equipment in Emergency Control Room
- List of Equipment in Ambulance
- List of Equipment in First Aid Centre
- Sample Formats
- Format for Termination of Site Emergency Exercise
- Case Study #6
- Quiz #6
- Introduction to ICS
- What is an Incident
- What is ICS
- ICS Purposes
- In the Past, Weaknesses in Incident Management were due to
- ICS Benefits



- Basic Features of ICS Include
- Chain/Unity of Command
- Unified Command
- Command Staff – Consist of the Following
- General Staff – Consist of the Following
- Operations Section
- Operations Section Example Chart
- Planning Section
- Planning Section Example Chart
- Logistics Section
- Logistics Section Example Chart
- Finance Section
- Finance Section Example Chart
- ICS Resources
- Case Study #7
- Quiz #7
- Close and Return to Work
- Case Study #8
- Quiz #8
- Site Emergency Evacuation Plan
- OSHA Requirements 1910.38(a) - Employee Emergency Plan Elements
- Why are we Concerned?
- What are the Most Common Types of Emergencies?
- What is your Emergency Response Procedure?
- Key Questions
- When Does it Begin?
- Evacuation
- Procedures
- Alarm System
- Training Requirements
- Fire Protection Plan
- Workplace Fire Hazards
- Housekeeping
- Training Recommendations

- Summary
- Evacuation – What does it Mean?
- Case Study #9
- Quiz #9
- Emergency Response Regulatory Requirements
- OSHA and Emergency Procedures
- Emergency Procedures Required Training Module
- Emergency Management Basics
- Evacuation
- Secure-in-Place vs. Shelter-in-Place
- Emergency Alert System
- Emergency Procedures Guide
- Emergency Procedure APP
- Community Emergency Response Team
- OSHA Requirement
- HAZCOM (Hazard Communication Training)
- OSHA Standards 29 CFR, Parts 1900-1910
- Government Regulatory Acts
- Environmental Protection Agency (EPA)
- Hazardous Waste
- Hazardous Substance
- Effects of Toxic Material
- Toxic Materials
- Safety Data Sheet (SDS)
- Standardized Safety Data Sheets (SDS) and Hazard Classification
- Updated Labeling Requirements
- Globally Harmonized System (GHS)
- National Fire Protection Association
- Environmental Health & Safety
- Case Study #10
- Quiz #10