



# Diploma in Environmental Management (DipEM)

Helping you raise environmental  
performance and build a better business

An internationally recognised  
environmental qualification



BRITISH SAFETY COUNCIL

# BSC Awards Diploma in Environmental Management

## **Why the Diploma in Environmental Management is good for your business**

Good environmental performance saves money and promotes a strong and responsible corporate image. Additionally, the diploma improves staff welfare and morale and gains competitive advantage.

The Diploma in Environmental Management (DipEM) has been specially developed to help your organisation achieve these goals.

The DipEM is an internationally recognised and highly practical environmental qualification, addressing the environmental issues critical to business and industry success. These issues include regulatory compliance, improved environmental performance and the protection of the environment.

## **Essential knowledge, understanding and skills**

The course is structured around a comprehensive modular learning programme made up of three elements, each of five days' duration.

The Diploma aims to provide people who have environmental responsibilities with the essential knowledge, understanding and practical skills. This will enable you to achieve good environmental practice within your organisations.

Highly experienced British Safety Council tutors guide delegates through the various aspects of environmental management. This includes familiarisation with the latest tools, techniques and strategies from around the world today.

## **The authoritative environmental qualification**

The DipEM gives delegates a thorough understanding of fundamental ecological principles and processes, together with the social, economic and cultural prerogatives that lead and influence solutions to environmental problems.

Above all, the DipEM enables delegates to develop and integrate environmental management systems in line with corporate strategic objectives to drive business success.

With the DipEM, your organisation can not only benefit from the outstanding knowledge and expertise of the British Safety Council, but can also be confident that this authoritative environmental qualification will deliver practical and significant future business benefits.

## **A summary of the DipEM Modular Learning Programme's key objectives**

The Diploma aims to provide delegates with:

- a broad understanding of the range of environmental issues
- the principles and philosophy behind international environmental agreements, European and environmental law
- a working knowledge of key environmental legislation in the UK
- an appreciation and working knowledge of management tools for environmental management in their own organisations
- the awareness and appreciation of the available tools and techniques for effective pollution prevention and environmental protection
- the necessary knowledge to represent their organisation effectively when dealing with interested parties and responding to environmental enquiries

# Training with the British Safety Council

The British Safety Council (BSC) is the UK's leading independent organisation devoted to improving health, safety and environmental best practice in the workplace. A unique resource for business, it offers expert advice, training and support for organisations that wish to improve their management of safety and risk, occupational health and environmental performance.

With environmental management and sustainability establishing itself as a key aspect of corporate life, the environmental sector needs to become more professional in everything it does. This qualification helps underpin this process and will enable the UK to maintain its position as a world leader in environmental management.

The British Safety Council (BSC) is a Registered Course Provider for the BSC Awards Diploma in Environmental Management and has developed high quality training to enable candidates to reach the qualification standard. Fully in line with educational best practice, these courses place special emphasis on participative and interactive learning techniques, and are intended to be enjoyable and motivating, as well as concentrating on how to apply practical knowledge and understanding.

This qualification and the associated training courses supplied by the BSC aim to contribute to practical risk reduction across industries and ensure that organisations can profit from improvements in environmental management. Every business can benefit from more effective environmental practices – practical, cost effective steps can achieve substantial savings and ensure that commercial operations remain competitive.

For further information about training, please contact us at:

**British Safety Council**

70 Chancellors Road  
London W6 9RS

T. 020 8741 1231

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# Element A

## Environmental Awareness & Compliance

This element is designed to provide course delegates with excellent awareness and understanding of the issues, science and philosophy involved in environmental management.

The element also investigates the impact and effects of the unsustainable use of natural resources.

Areas covered include ecological principles, natural cycles, the effects of releases and key environmental legislation affecting organisations today.

Course content is split into seven key subject areas, each with its own set of objectives.

### **1 Global Environmental Outlook**

- Local action/inaction and global perspectives
- The state of the global environment
- The international community's response through policy development.

### **2 State of the UK Environment**

- National environmental indicators and the state of the UK environment
- How environmental priorities influence the UK's strategic approach to environmental protection
- Key indicators of environmental quality on which data is being collected and sources of information.

### **3 Ecology**

- The Biosphere – concepts and definitions
- The importance of ecosystem processes and structures in the natural environment
- How human activities affect critical life processes locally and globally.

*“Studying for the DipEM was a natural progression and vital in developing effective environmental management systems. I was able to discuss common problems and I learned a great deal which will save us money as well as improve systems.”*  
*Glenn Piper, DipSM, DipEM, Health and Safety Adviser, Gwent Police*

#### **4 People and the Environment**

- The many and complex ways in which people have an impact on the environment
- How an organisation's processes and activities may affect the environment
- The cause and effect relationship between human activities and local/global environmental issues.

#### **5 Sustainable Development**

- Sustainable development - the issues, science and philosophy
- Policy responses at global, national and local level
- Implications for business
- Management tools for integrating sustainable development principles into day-to-day practices.

#### **6 Environmental Law**

- The development and status of international, European and UK environmental law
- Principles of statutory environmental law in the UK and how they are applied
- The role and functions of implementation and enforcement bodies
- How common law remedies can be applied to environmental matters.

#### **7 Key Items of UK Environmental Legislation**

- Environmental legislation
- Key areas of environmental legislation and implications for UK businesses
- Criminal liabilities for non-compliance.

# Element B

## Environmental Management Systems

In recent years various management systems and tools have been developed to help organisations address the environmental issues which impact upon their activities. This element aims to provide course delegates with an awareness, an understanding and the necessary skills to identify and assess the overall environmental impacts of their business activities.

Areas covered in the element include: the elements and principles of Environmental Management Systems (EMS); EMAS and ISO 14001; eco-labelling and Environmental Performance Evaluation (EPE); the role of environmental auditing and the potential of environmental reporting and accounting.

Course content is split into seven key subject areas, each with its own set of objectives.

### **1 An Introduction to Management**

- General management principles
- The Environmental Manager – skills and abilities required
- Management techniques – what they are and when and how to apply them.

### **2 Environmental Management Systems (EMS)**

- EMS definition, development and benefits
- EMS standards – ISO 14001 and EMAS
- Requirements of the standards and the differences between them.

### **3 Environmental Auditing**

- Environmental audits – the main types and circumstances in which they may be used
- The audit cycle and roles and responsibilities of those involved
- Auditing guidelines in the ISO 14000 series and requirements of EMAS
- Environmental Auditors Registration scheme.

*“I actually got an interview for my job because I had gained the qualification. Our organisation needs to perform better than industry and I am confident that I can deliver that now.”*

*Tony Dunwell, DipEM, RAF, York*

#### **4 Life Cycle Assessment (LCA)**

- Background to LCA and how methodologies have developed
- ISO 14000 – which standards cover LCA and how they link with others
- Stages in the LCA process
- Applications of LCA in commerce and industry.

#### **5 Environmental Labels**

- Benefits and drawbacks of environmental labels for producers and consumers
- ISO 14000 – environmental labels and declarations
- Requirements of EU Eco-Label and the UK Green Claims Code
- Other eco-labelling schemes, including symbols and graphics.

#### **6 Environmental Performance Evaluation (EPE)**

- Uses and benefits of EPE
- EPE process – typical management cycle and requirements of ISO 14031
- The main types of environmental indicators
- Use and benefits of EPE.

#### **7 Environmental Reporting and Accounting**

- History of environmental reporting and driving factors
- The basics of environmental reporting
- Current initiatives and standards for promoting environmental reporting and accounting
- Current and expected future requirements for environmental accounting practice.

# Element C

## Environmental Tools & Techniques

This element builds on the knowledge and understanding gained from elements 1 & 2. The element focuses on techniques to prevent and reduce environmental degradation. This includes the current scope, availability and applicability of abatement technology and environmental monitoring techniques.

Areas covered in this module include: waste minimisation; energy management and transport; and protection strategy.

Course content is split into seven key subject areas, each with its own set of objectives as follows:

### **1 Environmental Risk Assessment**

- Risk assessment techniques – how they can help identify and manage risks to the environment
- Key terms and definitions, types of risk assessment and the importance of the Precautionary Principle
- Reasons for undertaking an environmental risk assessment
- Step-by-step approach to undertaking an environmental risk assessment.

### **2 Environmental Liability Management**

- Environmental assessment of sites and organisations – when to complete one and which ISO standard supports the process
- Roles and responsibilities of people involved in the process
- Activities involved and four key phases of identifying and quantifying environmental liabilities.

### **3 Environmental Pollution Control**

- Selection and application of environmental pollution control technology
- The main pollution control techniques for air, water and land
- Pollution control technology as the last resort – emphasising elimination at source.

*“I found the BSC diploma to be the best course I have attended for many years. The tutors had a passion that was infectious. The course has given me the confidence and knowledge to implement many environmental improvements.”*  
**Andrew Fergusson, DipEM, Group Health, Safety and Environmental Officer, Milk Link, Bristol**

#### **4 Environmental Monitoring**

- Drivers and reasons for environmental monitoring
- Principles of environmental monitoring and the relevance of transport and dispersal routes
- Increasing reliance on monitoring data and importance of quality control.

#### **5 Waste Management and Minimisation**

- Definition of waste from a legal and business perspective
- The UK's waste problem and strategic responses
- Factors that should be taken into account when considering waste management options
- Practical approaches to achieving good practice in waste management and setting up a waste minimisation programme.

#### **6 Energy and Water Management**

- Current trends in energy and water use
- Associated environmental issues and other drivers for better management
- Actions an organisation can take to assess its energy and water management
- Implementing new management practices and procedures.

#### **7 Transport Management**

- The transport problem and Government policy
- Environmental impacts associated with different transport options
- Green transport options for staff
- Options for greening the freight industry.

## What are the Entry Requirements?

Candidates entered for the BSC Awards Diploma in Environmental Management should have a level of literacy and numeracy adequate to cope with their assessments.

## Assessments

The published specification sets out the subject content and the basis of the assessments. The specification also includes exemplar assessment materials and marking schemes, as well as details of the examination arrangements.

The full specification can be downloaded, free of charge, from the British Safety Council website at [www.britishsafetycouncil.org](http://www.britishsafetycouncil.org)

Candidates are accepted from a wide range of fields, including:

- Environmental Management
- Health & Safety Management
- Quality Management
- Facility Management
- Process and Production Management
- Business Management
- Administration
- Training and Development.

### Course Programme

The DipEM consists of three elements: each element is delivered over five consecutive working days.

### Assessment

Assessment is by multiple-choice examination and workplace based assignment, which demonstrates delegates' understanding and application of the subject matter. Delegates must achieve a pass grade on both the examination and the assignment in order to pass the Diploma.

Successful candidates gain an internationally recognised qualification awarded at a prestigious ceremony. They can then use the letters DipEM after their names. Holders of the DipEM are entitled to Associate Membership of the Institute of Environmental Management and Assessment (IEMA). In addition, candidates gain two points towards registration under the IEMA Environmental Auditors Registration Scheme. Holders of the DipEM are also eligible for Associate Membership of the International Institute of Risk and Safety Management (IIRSM).

## Training for Success

Based on dynamic, student-centred learning, the specially designed courses aim to make the learning experience enjoyable, motivating and memorable. They harness a range of learning methods, with special emphasis on participative and interactive techniques. Intensive coverage of core topics in classroom-based, tutor-led sessions is supplemented by guided self-study.

Overall, the aim is to build on and share students' knowledge and experience, and to enable them to tackle environmental management in the most effective way.

## Availability

Training courses for the Diploma in Environmental Management are regularly held at venues around the UK and in-company arrangements are available if demand for places is sufficient.

For further information please contact us at:

### **British Safety Council Services**

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The DipEM is an IEMA approved Associate Certificate Course in Environmental Management.

The DipEM is one of a family of British Safety Council Awards qualifications, including the Diploma in Occupational Safety and Health (DipOSH) and the Certificate in Occupational Safety and Health (CertOSH).

If you would like more information on any British Safety Council courses in the UK or overseas, please contact us at the address overleaf.

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**BRITISH SAFETY COUNCIL**



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