

# ABI11111 – ABIOSH Level 5 – International Diploma in Environmental Sustainability Management©



The International Environmental Diploma consists of 10 elements, on completion of these elements the student will be given the technological, practical and conceptual knowledge and understanding of Environment Management. The students will be able to understand modern approaches to environmental sustainability and the interactive factors.

Once the student has completed the course and the assessment he/she will be able to critically analyse and interpret complex situations.

Students on completion will fully understand the introduction of the updated environmental management systems such as 14001.

## **Benefits**

An international qualification that provides:

- Knowledge and understanding of environmental issues
- Processes and legislation
- Apply your environmental theoretical continually during the course
- Practicality into a management system style giving the student the confidence to gain status of Environmental Practitioner
- The contents have been devised by practising professionals for the industry
- Help to implement 14001EMS and others
- Examinations completed by students will be assessed by qualified practising professionals

## **Objective and learning outcomes**

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**ELEMENT 1** - Environmental sustainability and principles to include the following learning outcomes:

- Definitions used in environmental management
- Understanding physical and biological waste systems
- Human environment
- Eco systems
- Environmental cycle to include:

Climate change – Cause and effect – Human factors

Environmental sustainability and development Guided learning hours 16

**ELEMENT 2** – Environmental Policy issues which includes the following learning outcomes:

- Global – Environmental Legislation
- Preventative approaches
- BAT techniques
- Producer responsibility

- Life cycle thinking
- Environmental policy – drivers – legal fiscal
- Market based measures
- Education and guidance

Guided learning hours 8

**ELEMENT 3** – The key environmental elements of International legislation and compliance measures which include the following learning outcomes:

- Incident protocol developments
- Key drivers in environmental legislation
- Acts that have influenced environmental management
- Civil law
- Statute law
- Legislative bodies – air and water
- Land pollution control and legislation

Guided learning hours 8

**ELEMENT 4** – The Environmental Management system and sustainability development in a business context to include the following learning outcomes:

- Risk management
- Risks to business
- Implementing measures to manage risk
- Business opportunities
- Management and mitigation
- The organisation – how it can be more sustainable, logistical impacts

Guided learning hours 8

**ELEMENT 5** – The collection, analysis and reporting on environmental information and data learning outcomes include:

- Analysing, interpreting information to support environmental management systems
- How to interpret data
- How to develop data
- Understanding environmental management systems
- The reasons for collecting information

Guided learning hours 12

**ELEMENT 6** – Environmental Management and assessment tools learning outcome to include:

- Management systems advantages and disadvantages
- Identifying aspects and impacts
- Identify source pathways and receptors
- Secondary impacts
- Risk assessing and prioritising
- Environmental auditing

Guided learning hours 12

**ELEMENT 7** – Analysis, problems and opportunities to deliver sustainability solutions to include the following learning outcomes:

- Environmental qualities
- Benefits and sustainable solutions
- Environmental Management Systems
- Carbon management
- Footprint reduction
- Life cycle assessment and application

Guided learning hours 12

**ELEMENT 8** – The development and implementation of programmes to deliver environmental performances, improvement learning outcomes to include:

- Environmental performance improvement
- Equipment required in Companies
- Waste management
- Process management
- Site management
- Environmental objectives
- Contingence arrangements
- Review and reporting
- Assessment of environmental impact risk

Guided learning hours 16

**ELEMENT 9** – Effective communication with internal and external stake holders learning outcomes to include:

- Effective communication
- Statistics
- Employee – stakeholders

- Suppliers
- Nuisance control
- Noise, dust and odour including the FIDOL offensiveness factors

Guided learning hours 8

**ELEMENT 10** – Changing behaviour and influencing change to improve sustainability to include learning outcomes:

- Dealing with change
- Influencing change
- Addressing people throughout the concepts
- Management
- Benchmarking and project guidance

Guided learning hours 12

### **ENVIRONMENTAL DIPLOMA EXAMINATION/ASSESSMENT**

For this qualification students will be required to sit a confirmation test or e portfolio

The pass rate for this exam will be 60%

### **ENVIRONMENTAL DIPLOMA – PROJECT REQUIREMENTS**

Students completing the Environmental Diploma must undertake a project, within the project students must create a file for a Company or Organisation which includes: -

1. An environmental policy
2. Aspects and impact registers
3. Legislation requirements
4. Environmental Management Systems
5. Audit scopes
6. Risk assessments
7. Environmental declaration a. Scope b. Criteria

The project must be submitted to ABIOSH **no later than 4 weeks** after the written Environmental exam.