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NEBOSH
Environmental Certificate



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NEBOSH Environmental Certificate

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Before You Start.

Is the course right for you?

The NEBOSH Environmental Management Certificate is a globally recognised qualification designed to develop your understanding of environmental issues in the workplace. It won't turn you into an environmental sustainability expert, but it will give you the knowledge, tools and skills to implement effective environmental management systems to reduce your environmental impact.

It's ideal for:

- ▶ Health and Safety Managers
- ▶ Facilities Managers
- ▶ Quality Managers
- ▶ Operational Managers

The NEBOSH Environmental Certificate is guided by the ISO 14001 Environmental Management System and key environmental regulation.

You'll gain insight into a range of global environmental issues and how your company and supply chain contribute to them. Plus, you'll develop the skills and confidence to implement systems of work to reduce and control your environmental impact and help create a more sustainable future.

The NEBOSH Environmental Certificate is an excellent addition to those who have completed other NEBOSH qualifications and want to add environmental management to their portfolio of skills.

Is the course right for you?

There aren't any! You don't need any previous knowledge or experience to take the NEBOSH Environmental Management Certificate.

Before You Start.

NEBOSH vs IEMA

NEBOSH (National Examination Board for Occupational Safety and Health) is the leading examining body for the health and safety industry. Their courses are designed to teach the skills and knowledge to manage health, safety and environmental issues in all places of work. The NEBOSH Environmental Management Certificate is their flagship environmental qualification and is best for those who want to add environmental management to a set of wider skills.

IEMA (Institute of Environmental Management and Assessment) is a global alliance of environment and sustainability professionals. As well as developing courses to help advance people within the industry, they also create sustainability standards and partnerships to help transform businesses and make them future-proof. IEMA courses are ideal for those who are passionate about environmental and sustainability issues and want to develop a long-term career within the industry.



Why Take The Course?

Make a positive impact on the environment

The world needs to become more sustainable. We all need to do our bit to ensure a bright and sustainable future, and this means finding a smarter way to do business.

The NEBOSH Environmental Certificate will give you an understanding of global environmental issues and how business plays a part to the 'bigger picture'. You'll also learn the practical actions needed to control and reduce the impact you have on these issues and help contribute to the sustainability of local and global communities.

Reduce costs and improve efficiency

The move towards sustainability isn't just good for the environment, it's good for business.

Companies who show a commitment to environmental management reap the rewards of reduced waste, efficient processes, and enhanced brand reputation.

The NEBOSH Environmental Management Certificate will provide you with the technical know-how to implement an environmental management system, along with the leadership skills to challenge behaviour across the entire supply chain.

Help create a safety-conscious workforce.

A crucial trait for any professional is a dedication to improvement. Whether that's keeping up with the latest trends, adapting to new technology, or expanding industry-specific education.

A commitment to ongoing learning is a sure-fire way to stand out when a promotion or job offer is on the line.

The NEBOSH Environmental Management Certificate is a fool-proof way to make yourself more valuable to potential employers. Combined with the right work experience, it can be powerful in making you stand out against other candidates.



Course Overview

Course level

The NEBOSH Environmental Management Certificate is a level-3 vocational qualification on the UK Regulated Qualification Framework (RQF) and Qualifications and Credit Framework (QCF). That's like an A-level.

In the Scottish Credit and Qualification Framework (SCQF), it's recognised as a level 6 with 7 credit points.

Course structure

The NEBOSH Environmental Management Certificate requires 67 hours of study. This is split into 34 taught hours, 25 self-study hours, and 8 assessment hours.

Learning outcomes

- ▶ Justify environmental management in the workplace using ethical, legal and financial arguments, linking these to wider environmental issues including sustainable development
- ▶ Recognise workplace activities which may be subject to environmental legislation or enforcement
- ▶ Understand the requirements of, and work within, an environmental management system, whilst contributing to continual improvement
- ▶ Assess environmental aspects and associated impacts, determining significant aspects and evaluating current controls
- ▶ Support environmental emergency planning
- ▶ Understand the importance of reducing environmental harm; identify sources of noise, air, and water pollution; and suggest suitable control measures
- ▶ Understand the issues associated with waste and support responsible waste management.
- ▶ Understand the benefits and limitations of a range of energy sources, and suggest suitable measures to increase energy efficiency

Full Course Syllabus

Element 1

Foundations in environmental management

Learning hours: **6**

Self study hours: **25**

- ▶ The scope and nature of environmental management
- ▶ The ethical, legal and financial reasons for maintaining and promoting environmental management
- ▶ The importance of sustainability
- ▶ The role of national governments and international bodies in formulating a framework for the regulation of environmental management

Element 2

Environmental management systems

Learning hours: **5**

Self study hours: **25**

- ▶ Reasons for implementing an environmental management system (EMS)
- ▶ The key features and appropriate content of an effective EMS based on the requirements of ISO 14001
- ▶ Benefits and limitations of introducing a formal EMS into the workplace
- ▶ Key members of the ISO 14000 family of standards and their purpose

Element 3

Environmental impact assessments

Learning hours: **6**

Self study hours: **25**

- ▶ Reasons for carrying out environmental impact assessments
- ▶ Types of environmental impact
- ▶ Nature and key sources of environmental information
- ▶ Principles and practice of impact assessments

Element 4

Planning for and dealing with environmental emergencies

Learning hours: **3**

Self study hours: **25**

- ▶ Emergency planning to protect the environment
- ▶ Planning for emergencies

Element 5

Control of emissions to air

Learning hours: 2

Self study hours: 25

- ▶ Air quality standards
- ▶ Main types of emissions to atmosphere
- ▶ Control measures to reduce emissions.

Element 6

Control of environmental noise

Learning hours: 2

Self study hours: 25

- ▶ Sources of environmental noise and their consequences
- ▶ Methods for the control of environmental noise.

Element 7

Control of contamination of water sources

Learning hours: 3

Self study hours: 25

- ▶ Importance of the quality of water for life
- ▶ Main sources of water pollution
- ▶ Main control measures that are available to reduce contamination of water sources.

Element 8

Control of waste and land use

Learning hours: 4

Self study hours: 25

- ▶ Waste categories
- ▶ Minimising waste
- ▶ Managing waste
- ▶ Outlets available for waste
- ▶ Risks associated with contaminated land.

Element 9

Sources and use of energy and energy efficiency

Learning hours: 4

Self study hours: 25

- ▶ Benefits and limitations of fossil fuels
- ▶ Other sources of energy
- ▶ The importance of energy efficiency
- ▶ Control measures available to enable energy efficiency.

Assessment

The NEBOSH Environmental Certificate has two assessments: an open book exam and practical risk assessment. You must pass both to achieve your full qualification.

Unit EMC1: Open Book Exam

Unit EMC1 is assessed with an open book exam which is submitted online. You'll have 24 hours to download your exam paper, complete your answers, and submit them to the NEBOSH portal for marking.

You'll be presented with a case study and set of task-based questions which relate to the content covered in elements 1-9. The aim of the exam is to test your ability to apply your learning to a real workplace scenario. Your answers should be relevant to the given situation and, when appropriate, reference evidence from it directly.

Unit EMC2: Practical Risk Assessment

Unit EMC2 is a marked risk assessment. You're required to apply your understanding of elements 3-9 by reviewing the environmental aspects and impact of your own workplace.

The risk assessment is split into 4 stages, based on the requirements of ISO 14001:2015:

- ▶ Introduction to the organisation and methodology used
- ▶ Identification of environmental aspects, associated impacts, an existing controls
- ▶ Significant aspects, key issues, and recommended additional measures
- ▶ Communication and review

Each stage is assessed individually and you must pass all 4 stages to pass.

Pass marks

You must pass both assessments to achieve your NEBOSH Environmental Management Certificate. EMC1 is graded and you must achieve at least 45 marks to pass, while EMC2 is marked with a pass or fail.

Your overall qualification grade will be awarded to you based on your numerical result from EMC1:

- ▶ Distinction: 75 marks +
- ▶ Credit: 65 - 74 marks
- ▶ Pass: 45 - 64 marks

Exam Results

NEBOSH will email you your results within 50 working days of submitting your assessment. If you haven't received your results in that time, then contact your course provider and they'll be able to help.

Exam Dates

Open book exams are held once a quarter throughout the year. You need to register before your chosen exam date at least 5 weeks before.

For all exam and assessment information, the exam dates, the exam process and how to book, **visit the Exam Hub on our website:** astutis.com/help-centre/exam-hub/nebosh-environmental-management-certificate



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