

## Syllabus: Asbestos Awareness (International)

Document No: MS023 | Issue Date: 10/04/2024 | Version: 1

✓ Tier 1: Awareness

Tier 2: TBC

Tier 3: TBC

Tier 4: TBC

## Recognition and Grants



UKATA is a Member of The CPD Certification Service providing recognised independent CPD accreditation compatible with global CPD principles.

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This UKATA Asbestos Awareness syllabus has been reviewed and independently certified as being suitable for CPD purposes by The CPD Certification Service.

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UKATA holds ISO 9001 certification and continues to maintain the quality standard through annual auditing. ISO 9001 is a global standard for quality management systems (QMS), requiring organisations to demonstrate that their internal procedures meet rigorous guidelines, ensuring consistent delivery of quality products and services to customers and stakeholders.

## Contents

<b>Title</b>	<b>Page No</b>
<b>1. Course Title</b>	<b>4</b>
<b>2. Introduction</b>	<b>4</b>
<b>3. Purpose/Scope</b>	<b>4</b>
<b>4. Occupational Relevance</b>	<b>4</b>
<b>5. Duration</b>	<b>4</b>
<b>6. Delegate Pre-Requisites</b>	<b>4</b>
<b>7. Individual Learning Needs</b>	<b>4</b>
<b>8. Instruction/Supervision</b>	<b>5</b>
<b>9. Delivery</b>	<b>5</b>
<b>10. Assessment</b>	<b>5</b>
<b>11. Quality Assurance</b>	<b>6</b>
<b>12. Renewal/Refresher</b>	<b>6</b>
<b>13. Approval Date</b>	<b>6</b>
<b>14. Review Cycle</b>	<b>6</b>
<b>15. Additional Resources</b>	<b>6</b>
<b>16. Learning Outcomes</b>	<b>7</b>
<b>17. Required Course Content</b>	<b>8 - 9</b>

## **1. Course Title**

International Asbestos Awareness

## **2. Introduction**

This syllabus sets out the guidance issued by UKATA for the provision of international asbestos awareness training for employees whose work could foreseeably expose them to asbestos. It is important to note that this guidance is founded on UK standards, which adopt a risk-based approach to asbestos management as established by the Control of Asbestos Regulations 2012 (CAR 2012). Designed for international adaptability, the syllabus acknowledges the necessity for modification to align with the diverse legal and regulatory frameworks specific to each country.

This document details the training syllabus and specifies the essential content for all courses. Tutors are encouraged to customise additional aspects of the training session to align with the specific laws and practices of the country where the training is delivered, ensuring that the foundational content remains consistent with UKATA's core standards.

It is important to note that asbestos awareness training serves as an introductory course. It is designed to inform delegates about the presence and risks of asbestos but does not qualify individuals to perform work involving direct contact with or disturbance of asbestos and asbestos-containing materials. Further specialised training is required for those tasks, beyond the scope of this initial awareness course.

## **3. Purpose/Scope**

The purpose of this training is to provide delegates with an understanding of the potential hazards and risks associated with asbestos-containing materials (ACMs). Additionally, the course offers a comprehensive outline of the legal provisions that enable employees to protect themselves and others during work-related activities.

## **4. Occupational Relevance**

Supervisors and trades personnel, including trainees such as but not limited to: demolition workers, construction workers, general maintenance staff, electricians, plumbers, gas fitters, painters and decorators, joiners, plasterers, roofers, heating and ventilation engineers, telecommunication engineers, fire and burglar alarm installers, computer installers, shopfitters and other such professionals. This list is not exhaustive and may vary depending on national regulations and job-specific risks.

## **5. Duration**

Minimum of 3 learning hours.

## **6. Delegate Pre-requisite**

There are no delegate pre-requisites as part of this syllabus.

## **7. Individual Learning Needs**

The Individual learning needs of delegates must be assessed by the tutor prior to the course commencing and the training adapted where necessary.

## 8. Instruction/Supervision

As a minimum, tutors must meet the following criteria for delivering this Asbestos Awareness training:

- Tutors must have a minimum of at least three years' experience (within the past five years) in the health and safety sector or at least three years' experience (within the past five years) in the asbestos industry which may include, surveying, analytical, removal, consultancy, training, management etc.
- Be able to demonstrate experience of delivering Asbestos Awareness Training.
- Hold a suitable asbestos qualification recognised by the asbestos industry, which may include: asbestos surveying, asbestos management or asbestos removal, or other such qualifications that UKATA deems to be acceptable.
- Hold a teaching qualification recognised within the respective country, or must achieve this qualification within 12 months of registration with UKATA.
- A successful UKATA Audit, or an internal Audit undertaken by the Member company they are working for at the highest category of training the Tutor will deliver on behalf of the Member.
- After meeting the above criteria, the Tutor is required to pass the UKATA Asbestos Awareness Tutor Knowledge Test.

## 9. Delivery

Training must be delivered in a suitable environment and in accordance with the UKATA [Training Centre & Equipment Minimum Standards](#). All equipment must be of a suitable quality and quantity for delegates to achieve learning outcomes and must comply with relevant national law and practice. Tutors must ensure all equipment and materials comply with relevant national regulations and best practices.

The class size and tutor to delegate ratio must allow training to be delivered in a safe manner and enable delegates to achieve the learning outcomes. The approved training delivery methods for this training along with the maximum tutor to delegate ratios are:

<b>Classroom:</b>	1:15 (maximum)
<b>Virtual Classroom:</b>	1:12 (maximum)
<b>E-Learning:</b>	Self-paced (tutor support available as needed)

## 10. Assessment

Attainment of the learning outcomes will be assessed by a multiple-choice exam consisting of at least 15 questions under exam conditions. At the discretion of the tutor, delegates shall be permitted to refer to any notes they make during the training session, or the training manual/notes provided by the tutor.

Delegates will be required to achieve a score of at least 12 out of 15 (80%) in the exam. Failure to achieve this will result in the delegate requiring to re-sit the exam under exam conditions. If a delegate fails the second attempt, they will be required to re-sit the course in its entirety.

The exam should have a completion time of approximately 20 minutes. However, the tutor should recognise that delegates learning needs are varied and therefore the time stated is for guidance only.

The varied needs of delegates include the ability to fully comprehend written English and the tutor may read out the questions to assist such delegates, however no assistance may be offered in respect of providing answers.

## **11. Quality Assurance**

Quality assurance against this syllabus requires verification and approval of the presentation materials, exam papers, course handouts and tutor narrative. Independent audits are carried out to demonstrate conformity with the training standards set by UKATA and each tutor maintains a CPD record that aligns with the UKATA [Tutor Competency Framework](#).

UKATA prides itself on numerous accreditations and certifications that reflect our commitment to the highest standards of service and quality. A detailed list of these can be accessed at: [UKATA Accreditations](#).

## **12. Renewal/Refresher**

Certification for this training course will be valid for one year.

It is recommended that renewal/refresher training is carried out annually.

Following the certification expiration date, a grace period of six months is permitted for refresher training to be delivered. The employer should, in this case, carry out a TNA and discuss the training requirements with the training provider.

## **13. Approved Date**

10/04/2024

## **14. Review Cycle**

Either on request or within 3 years from approval date.

## 16. Learning Outcomes

### Module 1: Properties, Risks, and Health Effects of Asbestos Exposure

- Recognise different types of asbestos, their uses, and historical context regarding their regulation.
- Identify health risks associated with asbestos exposure, including specific diseases and the impact of exposure levels.
- Understand global and local epidemiological data on asbestos-related diseases.

### Module 2: Types, Uses, and Risks of Asbestos in Buildings and Plant

- Differentiate various asbestos-containing materials and assess associated risk levels.
- Locate common areas within buildings where ACMs are found and understand their uses.
- Comprehend historical reasons for asbestos use and recognize real-life applications through visual evidence.

### Module 3: Avoiding Risks from Asbestos

- Understand the concept of friability and its role in asbestos fibre release.
- Recognise the role of asbestos registers and surveys in identifying and managing ACMs.
- Learn emergency procedures for accidental asbestos disturbance in line with local regulations.

### Module 4: Legislation and Regulations

- Gain insight into the development of asbestos legislation and its place in health and safety laws.
- Understand regulations for asbestos work, including risk management and safe removal.
- Familiarise with legislative requirements for managing ACMs and the training needed for work involving asbestos disturbance.

## 17. Required Course Content

<b>DURATION: APPROXIMATELY 1 HOUR</b>	
<b>MODULE 1</b>	<b>Properties, Risks, and Health Effects of Asbestos Exposure</b>
	<p>1.1 Outline the properties, risks and its effects on health of asbestos exposure:</p> <ul style="list-style-type: none"> <li>• Detail the natural origin of asbestos and its physical properties that made it valuable in construction, transport, and industry. Describe the main types of asbestos—Crocidolite, Grunerite (also known as Amosite), and Chrysotile—including their characteristics and common names.</li> <li>• Include information on the geographical sources of asbestos and provide a brief history of the use of asbestos-containing materials, touching on the bans and regulations concerning different types of asbestos and their usage.</li> </ul>
	<p>1.2 Outline the risks to and effects on health caused by exposure to asbestos.</p> <ul style="list-style-type: none"> <li>• Explain the basic structure of the respiratory system to understand how exposure to asbestos can lead to diseases. Cover the health effects of asbestos exposure, such as pleural plaques, asbestosis, lung cancer, and mesothelioma, including information on latency periods and the exposure levels required to cause these diseases.</li> <li>• Discuss the increased risk of lung cancer due to the synergistic effects between smoking and asbestos exposure.</li> </ul>
	<p>1.3 General epidemiology and statistics.</p> <ul style="list-style-type: none"> <li>• Present general statistics on the epidemiology of asbestos-related diseases, sourced from reputable organisations. Where possible, include national statistics to provide context on the local impact of asbestos exposure.</li> </ul>

<b>DURATION: APPROXIMATELY 1.5 HOURS</b>		
<b>MODULE 2</b>	<b>Types, Uses, and Risks of Asbestos in Buildings and Plant</b>	
	<p>2.1 Provide details and visual representations of various types of asbestos-containing materials (ACMs), including loose fill, sprayed asbestos, asbestos insulation, asbestos insulating board, and asbestos cement. Information should be structured to help delegates understand the different risk levels associated with each type of ACM.</p>	
	<p>2.2 Describe and visually illustrate the common areas within buildings where ACMs can be found, detailing their specific uses in these locations to help delegates identify potential asbestos risks in building structures.</p>	
	<p>2.3 Explain the primary reasons for the use of asbestos materials, including asbestos coating, insulation, asbestos insulating board, and asbestos cement, focusing on the properties that made asbestos a popular choice for these applications.</p>	
	<p>2.4 Include at least 20 photographs showcasing a variety of asbestos products, with a mandate that these images should reflect the types of asbestos and ACMs commonly encountered in the country where the training is delivered. The selection should cover:</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• <b>Loose insulation</b></li> <li>• <b>Sprayed coatings</b></li> <li>• <b>Thermal insulation</b></li> <li>• <b>Asbestos boards</b></li> <li>• <b>Paper, felt and cardboard</b></li> <li>• <b>Textiles</b></li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• <b>Friction products</b></li> <li>• <b>Cement products</b></li> <li>• <b>Textured coatings</b></li> <li>• <b>Bitumen products</b></li> <li>• <b>Flooring</b></li> <li>• <b>Reinforced plastic and resin composites.</b></li> </ul> </td> </tr> </tbody> </table> <p>Ensure photographs are organised to demonstrate the ease of fibre release and indicate the typical percentage of asbestos composition for each material type. Whenever possible, include real-life examples from local buildings or infrastructure to underscore the practical applications and associated risks.</p>	<ul style="list-style-type: none"> <li>• <b>Loose insulation</b></li> <li>• <b>Sprayed coatings</b></li> <li>• <b>Thermal insulation</b></li> <li>• <b>Asbestos boards</b></li> <li>• <b>Paper, felt and cardboard</b></li> <li>• <b>Textiles</b></li> </ul>
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<b>MODULE 3</b>	<b>DURATION: APPROXIMATELY 15 MINUTES</b>
	<b>Avoiding Risks from Asbestos</b>
	3.1 Discuss the concept of friability and its significance in the release of asbestos fibres. Explain the differences in friability among various asbestos-containing materials, including coatings, insulation, insulating boards, and cement products, and how this impacts the risk of asbestos exposure.
	3.2 Cover the importance of asbestos registers and the types of surveys used to detect asbestos, detailing the essential information these documents should contain, such as the location, condition, and type of ACMs found within buildings
	3.3 Describe the standard procedures to follow if ACMs are accidentally disturbed, including securing the area, minimising exposure, and notifying relevant authorities. Highlight the necessity of aligning these procedures with local emergency and health and safety regulations.

<b>MODULE 4</b>	<b>DURATION: APPROXIMATELY 15 MINUTES</b>
	<b>Legislation and Regulations</b>
	4.1 Include an overview of the local asbestos legislation evolution, emphasising how it fits within the country's broader health and safety regulatory framework. This section should adapt to the specific legislative environment of the training location, focusing on the relevance and application of local laws for effective asbestos management and workplace safety.
	4.2 Present a summary of the typical regulations that govern work with asbestos, including risk assessment, management planning, and safe removal practices. Highlight the necessity of understanding and complying with national regulations to ensure safety.
	4.3 Describe the legislative framework for managing asbestos-containing materials, focusing on duties such as the identification, risk assessment, and development of asbestos management plans. Emphasise the importance of adhering to national guidelines for effective management and control of asbestos risks.
	4.4 Provide an overview of the training requirements for workers planning to undertake work that will disturb asbestos, including the types of certifications and qualifications needed. Clarify that asbestos awareness training is foundational and must be followed by more specialised training for those intending to perform asbestos removal or remediation work.