



## Refresher Non-licensed Work with Asbestos Training

### Course Prerequisites

The aim of refresher training is to identify good and bad practice and to ensure that the good practice is shared and that bad practices are stopped. Training Needs Analysis will help to make the annual courses more relevant to delegates. Refresher training should aim to achieve the following objectives:

- fulfil identified training needs;
- impart new information, eg changes in legislation and work practices (such as use of new equipment or wetting techniques);
- remind employees of the risks they face working with asbestos;
- reinforce procedures such as decontamination, use and maintenance of RPE and how to use controlled removal techniques;
- share good practice and eliminate bad practice.

This unit has eleven learning outcomes.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>1. Recognise why asbestos is dangerous</p>	<ul style="list-style-type: none"> <li>a) Identify the properties of asbestos and its effects on health, including the increased risk of lung cancer for asbestos workers who smoke</li> <li>b) Identify those who are at the most risk from asbestos disease, including secondary exposure</li> <li>c) State how asbestos is produced</li> <li>d) Identify the fatal types of asbestos disease</li> <li>e) Identify that the main risk of asbestos is from inhalation of airborne asbestos fibres</li> <li>f) Identify the part/s of the body affected by Mesothelioma, asbestosis and lung cancer.</li> <li>g) State the latency (delay period) period for asbestos disease</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>2. Know the different types of asbestos and their properties</p>	<ul style="list-style-type: none"> <li>a) Identify the common types of asbestos by colour, nature and name [Chrysotile (white), Amosite (brown), Crocidolite (blue)]</li> <li>b) State when Crocidolite, Amosite and other amphibole fibres were banned in the UK</li> <li>c) State when Chrysotile was banned in the UK</li> <li>d) State how many different types of asbestos minerals there are and their risks to health.</li> </ul>
<p>3. Demonstrate a knowledge of asbestos applications – the places and materials in which it is used</p>	<ul style="list-style-type: none"> <li>a) Identify the types of asbestos and asbestos containing materials (ACMs) in buildings, equipment, plant and other uses</li> <li>b) Identify the uses of asbestos and asbestos containing materials (ACMs) in buildings, equipment, plant and other uses</li> <li>c) Identify the likely occurrence of asbestos and asbestos containing materials (ACMs) in buildings, equipment, plant and other uses</li> <li>d) Identify the friability of asbestos containing material and the conditions under which they will release fibres</li> <li>e) Identify the likely age of buildings and products that may contain asbestos.</li> <li>f) Identify the periods when each asbestos type was used and banned.</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner should be able to:	The learner can:
<p>4. Demonstrate a knowledge of the Equipment and Method Sheets contained in HSG210 'Asbestos Essentials'</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of EM1. 'What to do if you uncover or damage materials that may contain asbestos'</li> <li>b) Explain the requirements of EM3. 'Building and dismantling a mini-enclosure'</li> <li>c) Explain the requirements of EM4. 'Using a class-H vacuum cleaner for asbestos'</li> <li>d) Explain the requirements of EM5. 'Wetting asbestos materials'</li> <li>e) Explain the requirements of EM6. 'Personal Protective Equipment (PPE)'</li> <li>f) Explain the requirements of EM7. 'Using damp rags to clean surfaces of minor asbestos contamination'</li> <li>g) Explain the requirements of EM8. 'Personal decontamination'</li> <li>h) Explain the requirements of EM9. 'Disposal of asbestos waste'</li> <li>i) Explain the requirements of EM10. 'Statement of cleanliness after textured coating removal'</li> </ul>
<p>5. Demonstrate a knowledge of Asbestos Related Legislation</p>	<ul style="list-style-type: none"> <li>a) Explain non-licensed asbestos work</li> <li>b) Describe the duties of the individual</li> <li>c) Identify the key duties of the employer</li> <li>d) Outline the Control of Asbestos Regulations, the requirements of the ACOP and associated guidance</li> <li>e) Outline the Waste Regulations</li> <li>f) Outline the requirements of Risk Assessments and Plans of Work</li> <li>g) Explain the requirement for training</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p><b>The learner should be able to:</b></p>	<p><b>The learner can:</b></p>
<p>6. Demonstrate a knowledge of the Equipment and Method Sheets contained in HSG210 'Asbestos Essentials'</p>	<ul style="list-style-type: none"> <li>j) Explain the requirements of EM1. 'What to do if you uncover or damage materials that may contain asbestos'</li> <li>k) Explain the requirements of EM3. 'Building and dismantling a mini-enclosure'</li> <li>l) Explain the requirements of EM4. 'Using a class-H vacuum cleaner for asbestos'</li> <li>m) Explain the requirements of EM5. 'Wetting asbestos materials'</li> <li>n) Explain the requirements of EM6. 'Personal Protective Equipment (PPE)'</li> <li>o) Explain the requirements of EM7. 'Using damp rags to clean surfaces of minor asbestos contamination'</li> <li>p) Explain the requirements of EM8. 'Personal decontamination'</li> <li>q) Explain the requirements of EM9. 'Disposal of asbestos waste'</li> <li>r) Explain the requirements of EM10. 'Statement of cleanliness after textured coating removal'</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>7. Demonstrate a knowledge of the Task Sheets associated with ‘ Work with asbestos cement (AC) (non-licensed)’ contained in HSG210 ‘Asbestos Essentials’</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A9. ‘Drilling holes in asbestos cement and other highly bonded materials’</li> <li>b) Explain the requirements of A10. ‘Cleaning debris from guttering on an asbestos cement roof’</li> <li>c) Explain the requirements of A11. ‘Removing asbestos cement debris’</li> <li>d) Explain the requirements of A12. ‘Cleaning weathered asbestos cement roofing and cladding’</li> <li>e) Explain the requirements of A13. ‘Repairing damaged asbestos cement’</li> <li>f) Explain the requirements of A14. ‘Removing asbestos cement sheets, gutters, etc. and dismantling a small asbestos cement structure’</li> <li>g) Explain the requirements of A15. ‘Removing asbestos cement or reinforced plastic product e.g. tank, duct, water cistern’</li> <li>h) Explain the requirements of A16. ‘Painting asbestos cement sheets’</li> <li>i) Explain the requirements of A35. ‘Replacing an asbestos cement flue or duct’</li> <li>j) Explain the requirements of A36. ‘Removing an asbestos cement panel outside, beside or beneath a window’</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>8. Demonstrate a knowledge of the Task Sheets associated with ‘Working with textured coatings (TC) containing asbestos (non-licensed)’ contained in HSG210 ‘Asbestos Essentials’</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A26. ‘Drilling and boring through textured coatings’</li> <li>b) Explain the requirements of A27. ‘Inserting and removing screws through textured coatings’</li> <li>c) Explain the requirements of A28. ‘Removing textured coating from a small area e.g. 1 square metre’</li> <li>d) Explain the requirements of A29. ‘Cleaning up debris following collapse of a ceiling or wall covered with textured coating’</li> </ul>
<p>9. Demonstrate a knowledge of the Task Sheets associated with ‘Safe work with undamaged asbestos materials’ contained in HSG210 ‘Asbestos Essentials’</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A8. ‘Enclosing undamaged asbestos materials to prevent impact damage’</li> <li>b) Explain the requirements of A20. ‘Laying cables in areas containing undamaged asbestos materials’</li> <li>c) Explain the requirements of A34. ‘Removing pins and nails from an asbestos insulating board panel’</li> </ul>
<p>10. Demonstrate a knowledge of the Task Sheet associated with ‘Fly-tipped waste)’ contained in HSG210 ‘Asbestos Essentials’</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A38. ‘Making safe and collecting fly-tipped asbestos waste’</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>11. Demonstrate a knowledge of the Task Sheets associated with 'Strictly controlled minor work on asbestos insulating board (AIB)' contained in HSG210 'Asbestos Essentials'</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A1. 'Drilling holes in asbestos insulating board'</li> <li>b) Explain the requirements of A2. 'Removing a single (screwed-in) asbestos insulating board ceiling tile'</li> <li>c) Explain the requirements of A3. 'Removing a door with asbestos insulating board fireproofing'</li> <li>d) Explain the requirements of A4. 'Removing a single asbestos insulating board panel less than 1m<sup>2</sup>, fixed in with nails or screws'</li> <li>e) Explain the requirements of A5. 'Cleaning light fittings attached to asbestos insulating board'</li> <li>f) Explain the requirements of A6. 'Repairing minor damage to asbestos insulating board'</li> <li>g) Explain the requirements of A7. 'Painting undamaged asbestos insulating board'</li> </ul>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner should be able to:</p>	<p>The learner can:</p>
<p>12. Demonstrate a knowledge of the Task Sheets associated with 'Removal and replacement of other asbestos containing materials' contained in HSG210 'Asbestos Essentials'</p>	<ul style="list-style-type: none"> <li>a) Explain the requirements of A17. 'Removing asbestos paper linings'</li> <li>b) Explain the requirements of A18. 'Removing asbestos friction linings'</li> <li>c) Explain the requirements of A19. 'Removing an asbestos fire blanket'</li> <li>d) Explain the requirements of A21. 'Removing asbestos-containing bituminous products'</li> <li>e) Explain the requirements of A22. 'Removing metal cladding lined with asbestos-containing bitumen'</li> <li>f) Explain the requirements of A23. 'Removing asbestos-containing floor tiles and mastic'</li> <li>g) Explain the requirements of A24. 'Removing flexible asbestos duct connectors (gaiters)'</li> <li>h) Explain the requirements of A25. 'Removing compressed asbestos fibre gaskets and asbestos rope seals'</li> <li>i) Explain the requirements of A30. 'Removing an asbestos-containing 'arc shield' from electrical switchgear'</li> <li>j) Explain the requirements of A31. 'Removing a single asbestos-containing gas or electric heater'</li> <li>k) Explain the requirements of A32. 'Replacing an asbestos-containing part in a 'period' domestic appliance'</li> <li>l) Explain the requirements of A33. 'Replacing an asbestos-containing fuse box or single fuse assembly'</li> </ul>



### Outline of Course Content

This course provides the necessary knowledge, understanding and skills to persons who will knowingly disturb asbestos containing materials during the course of their work activities, including building maintenance workers and supervisory personnel, and building maintenance managers. Successful completion of the course will allow candidates to undertake asbestos non licensed works in accordance with the Control of Asbestos regulations 2012 and all associated Codes of practice

Training is in accordance with Regulation 10 of Work with materials containing asbestos, Control of Asbestos Regulations 2012, Approved Code of Practice and guidance (L143) and Equipment and Methods Sheet EM2 of Asbestos essentials: A task manual for building, maintenance and allied trades on non-licensed asbestos work (Second edition) (HSG210)

### Outline of Proposed Learning Activities / Approach to Delivery

The training will cover the topics in appropriate detail, by means of both written and oral presentation, and by demonstration as necessary.

### Practical Training

The term practical in this context means hands-on training where delegates practice going through procedures, usually in a simulated environment. For example:

- carrying out decontamination procedures as detailed in EM8
- trying out RPE to ensure a good face-fit and knowing how to carry out maintenance checks;
- use of wetting techniques and H-type Vacuums;
- construction of a mini enclosure (optional);
- bagging of waste.

### Outline of Resources / Bibliography (as appropriate)

- Control of Asbestos Regulations 2012
- Asbestos: The survey guide (HSG264)
- Asbestos essentials: A task manual for building, maintenance and allied trades on non-licensed asbestos work (HSG210)

Assessment Methods / Tasks	Assessment Evidence
<p>A question and answer session will be held at the end of each module to ensure each learner has reached the necessary level of understanding.</p> <p>Tutor assessment of learner performance during practical sessions with continual oral feedback.</p> <p>A timed, invigilated, closed-book written examination will be individually completed by each learner at the end of the course, with 80% being the pass mark.</p> <p>The end of course written paper will draw at least 30 short answer and multiple-choice questions from a module-based question bank, to include no less than three questions from each module.</p> <p>Completed exam papers are retained by the course provider</p>	<p>Written Assessment covering LO1-LO11</p> <hr/> <p><b>Grade Descriptors</b></p> <p>80% pass mark (pass / fail)</p> <hr/> <p><b>Course Length</b></p> <p>Length of face to face course dependent on TNA but must take a minimum of 1 day (6 hours excluding breaks) to complete.</p>