

To assess the knowledge gained with ABClean course, we ask you to answer some questions, before and after its completion.

In case of not knowing the answer, please select: e) I do not know the answer.

The questions are the following:

1. Please select the correct answer:

- a) The use of asbestos is banned **in Spain** since the 70s
- b) Asbestos fibres can only enter the body through the respiratory tract
- c) **The asbestos-related diseases can have a very long latency period, even 40 years after exposure**
- d) All previous answers are correct
- e) I do not know the answer

2. Please select the correct answer, regarding to mesothelioma:

- a) Some cases of mesothelioma are caused by exposure to asbestos at work
- b) **The average survival from diagnosis is one year, or one to five years with proper treatment**
- c) It only affects workers who have worked in industries where asbestos products were manipulated
- d) It only affects the abdominal cavity (peritoneal)
- e) I do not know the answer

3. Please select the correct answer, regarding European Regulation on asbestos 2009/148:

- a) It is the main legislation of the European Union in relation to asbestos work
- b) It establishes a daily exposure limit value of 0,1 fibres per cm³ as an 8-hour time-weighted average (TWA)
- c) It defines the content of the training of workers on asbestos
- d) **All previous answers are correct**
- e) I do not know the answer

4. **Royal Decree 396/2006, of 31 March, laying down minimum safety and health rules for the work with exposure to asbestos:**

- a) **It applies to all activities or operations where asbestos-containing materials are handled, if there is risk of fibre release**
- b) It only applies to the most critical activities such as demolition of buildings and machinery dismantling works.

- c) It bans the removal of asbestos **in Spain**, but allows temporarily the manufacture and processing of asbestos products in some regions.
- d) It excludes authorized asbestos waste landfills as they have specific legislation.
- e) I do not know the answer.

5. What kind of measures are established by **Royal Decree 396/2006?**

- a) Working procedures to prevent the release of airborne asbestos fibres
- b) Organizational measures related to the minimum number of workers exposed
- c) Use of personal protective equipment (PPE) of the respiratory tract
- d) All of the above and others**
- e) I do not know the answer

6. Please select the correct answer, regarding the exceptions of **Royal Decree 396/2006:**

- a) Developing work plans and submitting them to the labour authority are not mandatory in short activities in which any type of asbestos is handled (friable and non-friable)
- b) It is mandatory to be entered in the Register of Companies with Asbestos Risk to remove a fibre cement roof (non-friable material) although it is not damaged
- c) It is mandatory to carry out health surveillance to workers who takes air samples for detecting the presence of asbestos
- d) All of the above are incorrect**
- e) I do not know the answer

7. Asbestos waste:

- a) They are considered inert waste as they do not release chemicals which pollute soil and groundwater.
- b) They can be mixed with other construction waste because the separation is performed in authorized landfills.
- d) They can be mixed with other construction waste because segregated deposition into landfill is not required
- c) They are considered hazardous waste and, therefore, must be separated, packaged, labelled and delivered to authorized waste companies.**
- e) I do not know the answer

8. Please select the correct answer:

- a) Products with friable asbestos are more dangerous than non-friable asbestos because the fibres can be released into the air more easily.**
- b) Products with non-friable asbestos cannot be altered by the weather.

- c) Examples of friable materials are heat-insulated pipes, boiler insulation, asbestos-cement pipes and insulation sprayed by aerosol.
- d) The asbestos-cement roofs do not release asbestos fibres when crushed, as the binder material prevents the release of fibres in these circumstances.
- e) I do not know the answer

9. Regarding the diagnosis for detecting the presence of asbestos in buildings:

- a) The pre-diagnosis (study of existing documentation/information about a building) is recommended in buildings built during the 70s, because it is the period of greatest use of this material **in Spain**
- b) Exploration is supplementary to visual inspection activity (such as disassembly or drilling) and allows a diagnosis to be made without the need for sampling and subsequent analysis.
- c) To perform sampling, an encapsulant product is applied on asbestos-containing material, and therefore, the use of personal protective equipment (PPE) is not required.
- d) Any lab can analyse samples of material to determine if it contains asbestos because the test method is unique and easy to apply.
- e) I do not know the answer

10. Please select the correct answer, regarding the risk assessment:

- a) It must be performed by a technician in possession of the national qualification required for performing occupational risk assessment.
- b) When the risk assessment is completed, measures and controls should be planned, as well as procedures for asbestos removal.
- c) The results of the risk assessment will determine whether the work should be performed by a specialized company, or may be carried out by own staff (construction workers).
- d) All of the above are correct
- e) I do not know the answer

11. The work plan to be prepared and submitted to the labour authority must contain:

- a) The working procedures and measures to be applied when working with asbestos-containing materials.
- b) The equipment used for the protection and decontamination of workers
- c) The length of works
- d) None of the above is complete
- e) I do not know the answer

12. Regarding workers' health surveillance:

- a) Employers must keep a register stating the nature and duration of the activity and the exposure of each worker.
- b) Data records on the health surveillance of workers should be sent by the doctor to the Health Authority.
- c) Data related to workers' health surveillance shall be kept for a maximum of 50 years after the exposure.
- d) The answers a) and b) are correct
- e) I do not know the answer

13. Please select the correct answer, regarding safe work practices:

- a) Before starting work, windows, doors and vents inside the work place must be sealed.
- b) It is advisable to use mechanical cutting equipment; never use manual tools as saws and cutting chains.
- c) It is advisable to moisten the material by pressurized water
- d) Materials should be cut to the maximum for facilitating their transportation and preventing breakage in landfill
- e) I do not know the answer

14. After the work with asbestos we should:

- a) Put the waste into paper bags immediately.
- b) Sweep dry surfaces manually or cleaning the rooms and tools by means of compressed air
- c) Clean the work area and surroundings by using vacuum equipment fitted with high efficiency filters
- d) Throw PPE filters away as municipal waste
- e) I do not know the answer

15. Regarding personal protective equipment (PPE):

- a) You should use boots similar to those used in any construction work
- b) The use of protection filters P2 (medium particle retention capacity, medium protection degree) is required
- c) The use of protective overalls covering the whole body including the head, with adjustable wrists, ankles and hood, are required
- d) All of the above are false
- e) I do not know the answer

16. Please select the correct answer:

- a) The work area must be clearly identified and marked with warning signs, so that any neighbour entering can know the dangers.

b) It is forbidden to eat in the work area, but you are allowed to drink during the summer months to avoid dehydration.

c) Workers must take their work clothes off, turning overalls upside down to retain any dust, and throw them away after three uses

d) All of the above are false

e) I do not know the answer

17. Please select the correct answer, regarding cleaning and decontamination:

a) The decontamination units include at least two compartments or modules to separate the contaminated area (dirty area) and asbestos-free zone (clean area)

b) The decontamination units shall have showers and waste containers for disposing of PPE

c) Once the work area cleaning has been completed and visual inspection of the area has been performed, environmental control of asbestos fibres must be conducted.

d) The answers b) and c) are correct

e) I do not know the answer

18. Please select the correct answer, regarding asbestos containing waste:

a) Asbestos waste generated during work must be bagged/packed at the end of the working day.

b) It is recommended to locate outdoors the containers for asbestos waste in order to prevent fibres can harm workers.

c) During the waste packaging, a controlled wetting should be carried out by means of amalgamating product

d) During the asbestos waste handling on site is not necessary that workers use all PPE, only gloves and respiratory protection.

e) I do not know the answer

19. Please select the correct answer, regarding asbestos containing waste:

a) Waste from friable materials must be packed by double bag; non-friable materials only require a single bag.

b) I can use either the specific label for asbestos waste or label for hazardous waste defined by national regulation.

c) The regulations on Transport of Dangerous Goods by Road do not apply to the transport of asbestos waste

d) Asbestos waste must be deposited in authorized landfills, in areas identified and separated from other waste

e) I do not know the answer

20. Please select the correct answer, regarding communication, participation and consultation:

- a) Workers must be informed on the hygiene requirements to be met, including the need to stop smoking.
- b) The workers and/or their representatives must have access to the results of measurements of airborne asbestos concentration, and these results must be explained them
- c) Workers must be informed and advised on health surveillance to be carried out once completed asbestos exposure.
- d) All previous answers are correct
- e) I do not know the answer