Level 2 Award in Using Aluminium Phosphide Safely for the Management of Vertebrate Pests

Accreditation number 601/0601/3

Unit 1: Understand the safe use of aluminium phosphide for vertebrate pest management

IMPORTANT - READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE ANSWERING THE QUESTIONS

1. **Candidates should enter their candidate number and test series in the space provided below.**
2. **You should write all of your Answers in the space provided on this exam paper.**
3. **You are allowed 45 minutes for Answering ALL twenty five questions.**
4. **Each question is worth TWO marks.**
5. **This paper must be left on your desk at the conclusion of the test.**

In order to achieve the learning outcomes for this unit, candidates must achieve an overall score of 60% in this examination, and achieve a score of 60% for each of the learning outcomes.

Candidate number _____Test series _____

Learning Outcome 1: Understand the need to control the use of aluminium phosphide

		Mark	
1	Phosphine is a flammable gas. How can the operator guard against the risk of exposure to flames when opening the container?	**2**	
2	Aluminium phosphide is a hazardous substance. What is the hazard?	**2**	
3	In accordance with the Control of Pesticides Regulations, list **TWO** items of information that need to appear on the product label for aluminium phosphide pesticides.	**2**	
4	The burrows of a badger can be mistaken for those of a rabbit. Give **TWO** reasons why it is essential that an operator ensures that a rabbit burrow is being treated with aluminium phosphide and not a badger sett.	**2**	
5	What documentation is required for disposing of used aluminium phosphide flasks?	**2**	

Learning Outcome 2: Know the health and safety requirements for the

safe use of aluminium phosphide

		Mark	
6	Where will the pest controller find information to identify which items of PPE will be required when using aluminium phosphide?	**2**	
7	Why should the filters used in respiratory protective equipment (RPE) be replaced at regular intervals?	**2**	
8	How would a pest controller make sure that non-target animals would not be harmed during aluminium phosphide treatments?	**2**	
9	How would an individual's skin react if it came into contact with aluminium phosphide?	**2**	
10	Why must mouth to mouth resuscitation **NOT** be used on someone who has inhaled phosphine gas?	**2**	

Learning Outcome 3: Know the biology of target vertebrate pest species

that is relevant to them being controlled by aluminium phosphide

		Mark	
11	List **FOUR** public amenities that can be damaged by the activities of rabbits and moles and will require their control.	**2**	
12	Give **TWO** reasons why common rats (*Rattus norvegicus*) need to be controlled.	**2**	
13	What pattern of behaviour shown by all three vertebrate target species enable aluminium phosphide to be used in their control?	**2**	
14	State **TWO** signs that would suggest a mole hill is an old hill.	**2**	
15	Other than the sighting of live rats, list **TWO** 'signs' which would indicate the presence of an active rat infestation.	**2**	

Learning Outcome 4: Understand procedures for the safe use of

aluminium phosphide in the management of vertebrate pests

		Mark	
16	How can the level of rabbit activity be estimated prior to a gassing treatment?	**2**	
17	State **TWO** factors at a site with rat, rabbit or mole activity that might make the use of aluminium phosphide illegal.	**2**	
18	What should be done with the aluminium phosphide applicator at the end of a treatment session?	**2**	
19	During an aluminium phosphide treatment against rabbits, some aluminium phosphide tablets were spilt onto the ground outside the burrows. The operator should first put on PPE if this was not already worn, what steps should follow this to safely deal with the spillage?	**2**	
20	A pest controller returns to a site after aluminium phosphide treatment	**2**	

	to assess the success of the treatment. Apart from sightings of live target animals, what would be an indication that the treatment has **NOT** been successful?		

Learning Outcome 5: Understand the requirements for the safe transport, storage and disposal of aluminium phosphide pesticides

		Mark	
21	How should any residue (dust) in a spent container be disposed of?	**2**	
22	Used aluminium phosphide containers should not be rinsed out with water. What is the reason for this?	**2**	
23	What is the recommended procedure for disposing of empty aluminium phosphide flasks after venting?	**2**	
24	What warning notice should be displayed on a pesticide store in which aluminium phosphide is kept?	**2**	
25	Describe **TWO** controls or actions that would be taken to make sure an applicator can be safely transported after completion of an aluminium phosphide treatment.	**2**	