

LEVEL 3 AWARD IN THE SAFE USE OF FUMIGANTS FOR THE MANAGEMENT OF INVERTEBRATE PESTS **OPTIONAL UNITS**



Candidate name

Company name

Level 3 Award in the Safe Use of Fumigants for the Management of Invertebrate Pests **Optional Unit**

Candidate name:

Company name:

Date achieved unit 1:

Units applied for:

Unit 2: Carry out procedures for the safe fumigation of freight containers and static containers used as fumigation chambers - 10 fumigations

Unit 3: Carry out procedures for the safe fumigation of commodities under sheet and bulk grain in grain stores - 10 fumigations (5 different commodities)

Unit 4: Carry out procedures for the safe fumigation of silos - 10 fumigations

Unit 5: Carry out procedures for the safe fumigation of ships' holds - 10 fumigations

Unit 6: Carry out procedures for safe fumigation of buildings, warehouses, food processing plants and mills - 5 fumigations

Unit 7: Carry out procedures for the safe fumigation of purpose built fumigation chambers - 5 fumigations

Unit 8: Carry out procedures for the safe fumigation of specialist 'fumigation bubbles' - 5 fumigations

Candidate declaration:

I confirm that material contained in this evidence portfolio is a true record of assessment evidence produced by myself for the above listed unit(s) and qualification.

Candidate number:

Date:



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Section 2: Evidence of work carried out under supervision

[illegible]

Section 3: Fumigation operation reports and supporting evidence

For each unit assessment, you are required to produce evidence relating to **FIVE different fumigation operations** from the examples provided in section 2. These reports must detail the operations carried out and comply with all legislative, company and customer Requirements.

As a minimum the information provided must cover all elements covered in the RSPH Level 3 Certificate in the Safe Use of Fumigants for the Management of Invertebrate Pests specification

Provide the following information for each of the five fumigations (the use of photographs to highlight specific issues is very valuable and is recommended).

1

Carry out procedures prior to fumigation

- 1 Transport of fumigant
- 2 On site arrival procedure
- 3 Evidence of the site survey
- 4 Risk assessment
- 5 The COSHH assessments for each of the fumigant used
- 6 Standard Operating Procedures (SOPs)
- 7 List the PPE and RPE used. A photograph of the candidate wearing the PPE and RPE is recommended.

2

Conducting the fumigation

Preparing the site for the application of fumigant. Provide description and photographic evidence of:

- Risk areas
- Methods of excluding third parties from risk areas
- Positioning of signage
- Sealing techniques
- Volume and dose rate calculations

Prepare fumigants for use, apply the fumigant, monitor the fumigation and conduct ventilation:

- Product labels and safety data sheets for the fumigants used
- Provide photographic evidence or a description of how the fumigant was prepared and applied, this could include:

- 1 Cylinder position (where appropriate)
- 2 Placement of introduction lines (where appropriate) and sample lines
- 3 Unpacking and placement of phosphine formulations (where appropriate)
- 4 Evidence of efficacy monitoring and leak checking
- 5 Duration of the fumigation and reasoning
- 6 Evidence of safe venting procedures in line with the SOP
- 7 Evidence that the candidate knows the gas level that must be achieved before the fumigation and risk areas can be declared safe for re-entry.

3

Post operational procedures

Provide photographic evidence and descriptions of:

- 1 How introduction / sample lines, sheeting are handled post fumigation
- 2 How empty cylinders are transported and disposed of
- 3 How solid phosphine residues are handled, transported, deactivated and finally disposed of after the fumigation.

4

Documentation

Provide the report produced on completion of the fumigation.

Video or voice recordings of interviews conducted between the examiner and candidate covering actions that they take when carrying out pre-treatment procedures and the reasons for doing them.



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