

NPTC
by City & Guilds

QUALIFICATION:	Pesticides – PA9A Mists (Outdoors)	Qualification Code:	0216-57					
		Units:	258					
Assessor Name:		Technical Verifier Name:						
Assessor BP No: NEW? DOB:		Technical Verifier BP No:						
Assessor Email:		Start Time:						
Invoice To: (Include Centre name if applicable)		End Time:						
CRITERIA: (Please refer to the following pages and current Qualification Guidance)		PERFORMANCE EVALUATION (Circle):		JUSTIFICATION:				
M/C test paper to check PA1 knowledge and specific industry best practice (<i>new pesticide assessors only</i>)	1			4	5	5 = Pass with 20/20 4 = Pass with 18/20 or 19/20 1 = Fail		
Knowledge of H&S regulations and industry best practice. Carry out SSRA, COSHH and environmental assessment	1	2	3	4	5			
Knowledge of range of mist blowers/mist generators (including components and controls)	1	2	3	4	5			
Knowledge of operator protection and PPE standards	1	2	3	4	5			
Knowledge of protecting human health	1	2	3	4	5			
Interpretation of two appropriate product labels	1	2	3	4	5			
Calibrate the applicator (without use of calibration sheet/aids).	1	2	3	4	5			
Complete calibration test paper	1			4	5	5 = Pass with 100% 4 = Pass with <100% 1 = Fail		
Measure, mix and fill applicator. Carry out an application.	1	2	3	4	5			
Knowledge of site marking options	1	2	3	4	5			
Knowledge of cleaning/decontamination/disposals	1	2	3	4	5			
Assessment techniques (<i>new assessors only</i>)	1	2	3	4	5			
PERFORMANCE EVALUATION COLUMN TOTALS:						= TOTAL SCORE:		
Result of Technical Evaluation (tick):	MET	TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS:					40	
	NOT MET	(NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) <i>If an existing PA Assessor then please adjust total score required to 32</i>						
ACTION PLAN FOR ASSESSOR:								
<i>Please continue on reverse if necessary</i>								
ASSESSOR COMMENTS:								
<i>Please continue on reverse if necessary</i>								
TECHNICAL VERIFIER SIGNATURE:				COST: £200 Half Day £300 Full Day		DATE:		
ASSESSOR SIGNATURE:								

TECHNICAL EVALUATION RECORD

0216-57 L2 Award in the Safe Application of Pesticide Mists, Fogs and Smokes (PA9)

Unit 182 Applying Pesticide Mists, less than 100 Microns VMD Outdoors (PA9B)

M/C test paper to check PA1 knowledge and specific industry best practice

- ☐ Minimum score of 18/20 achieved.

(Please note: this paper only needs to be completed by new PA assessors).

Knowledge of H&S regulations and industry best practice

Key principles and practical relevance:

- ☐ Health and Safety at Work etc. Act 1974 (HASAWA)
- ☐ Management of Health and Safety at Work Regulations 1999 (MHSWR)
- ☐ Provision and Use of Work Equipment Regulations 1998 (PUWER)
- ☐ Personal Protective Equipment at Work Regulations 1992 (PPE Regs)
- ☐ Control Of Substances Hazardous to Health Regulations (COSHH)
- ☐ The Health and Safety (First Aid) Regulations 1992
- ☐ Reporting of Injuries Diseases Dangerous Occurrence Regulations (RIDDOR)
- ☐ Wildlife and Countryside Act 1981
- ☐ Countryside and Rights of Way Act 2000

- ☐ Sustainable Use (PPP) regulations
- ☐ Pesticides Code of Practice
- ☐ 2 sources of industry best practice
- ☐ Operator certification
- ☐ Risk assessments
- ☐ Condition and guarding of equipment

Carry out COSHH assessment

- ☐ Using template provided or an approved template

Carry out SSRA

- ☐ Assessor to complete a Site Specific Risk Assessment, using provided template.
- ☐ Header and footer.
- ☐ Hazards and controls relative to site, task and equipment.

Carry out environmental assessment

- ☐ Environmental risks to site identified
- ☐ Methods to minimise risks explained.
- ☐ Additional risks not identified on site, (that may occur in typical assessment situations) to be discussed.

Knowledge of a range of mist blowers/mist generators (including pump types, liquid/air flow, controls, components, induction systems)

Applicable to equipment used for the TE and questioning to cover knowledge of variations:

- ☐ Operating controls
- ☐ Applicator components
- ☐ Liquid flow
- ☐ Air flow

Knowledge of operator protection and PPE standards

- ☐ CE and EN markings – relevance
- ☐ Coverall specifications – Type 4/5/6
- ☐ Glove specification
- ☐ Face shield
- ☐ Boot specification
- ☐ RPE – types and reasons

Knowledge of protecting human health

- ☐ Warning signs
- ☐ Avoiding off target application
- ☐ Avoidance of overdosing
- ☐ Harvest intervals

Interpretation of two appropriate product labels

- ☐ Product label 1
- ☐ Product label 2

Calibrate the applicator (without use of calibration sheet/aids).

- ☐ Calibration method (carried out):
 - Application volume
 - Amount of water for area
 - Amount of pesticide for area
 - Amount of pesticide for full tank

Complete calibration test paper

- ☐ Calibration test paper successfully completed
Note to TV: The assessor is expected to complete all the calibration test paper exercises. A marking sheet range has been produced to allow for variations in methods used and rounding up/down.

Carry out measuring and mixing.

- ☐ Suitable site selected.
- ☐ Correct PPE used
- ☐ Safe use of water supply
- ☐ Accurate measurement of water (allowing for pesticide volume) and pesticide.
- ☐ Read a range of different measuring vessels (to be read in millilitres and litres)
 - Large jug (water)
 - Small jug (chemical)
 - Cylinder
 - Knowledge of how to accurately measure powders/granules
- ☐ Correct cleaning procedure of pesticide measuring vessel.
- ☐ Avoidance of spillage. Drip tray used.

Carry out an application. Knowledge of site marking options.

- ☐ Site marking options (to ensure accurate application)
- ☐ Safe and accurate application carried out
- ☐ Procedure for blocked outlet during application ☐ Procedure for refilling during application

Knowledge of cleaning/decontamination/disposals. ☐

Surplus dilute, disposal

- ☐ Washing procedure explained
- ☐ Washings, disposal
- ☐ Empty container/packaging, washing, storage and disposal (Crop Protection Association Best Practice Guide 'Container Cleaning' 2012)

Complete an application record

- ☐ Application record correctly completed

Assessment techniques

- ☐ Clear and concise questions/instructions
- ☐ Question/instruction relative to unit.

(Please note: this section only needs to be completed by new PA assessors).

Note: *If an existing PA assessor is adding this as a new unit, the M/C test paper and assessment technique sections do not need to be completed.*

Total score required (on front sheet) can be adjusted to 32.

The calibration test paper must be completed by all potential assessors.