

Technical Evaluation Record V3 Jan22



QUALIFICATION:	Pesticides – PA6A	Qualification Code:	0216-54 (Ind)				
		Units:	151				
Assessor Name:		Technical Verifier Name:					
Assessor No: NEW? DOB:		Technical Verifier 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 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 a range of applicators (including pump types and components)		1	2	3	4	5	
Knowledge of pressure management systems		1	2	3	4	5	
Knowledge of operator protection and PPE standards		1	2	3	4	5	
Knowledge of a range of nozzles appropriate to applicator and relevant nozzle chart interpretation		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
Knowledge of drift reduction methods		1	2	3	4	5	
Measure, mix and fill applicator. Carry out an application. Knowledge of site marking options. Knowledge of spot treatments		1	2	3	4	5	
Knowledge of cleaning/decontamination/disposals. Complete a treatment record.		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: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) <i>If an existing PA Assessor then please adjust total score required to 44</i>					52
	NOT MET						
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

0216-54 Level 2 Award in the Safe Application of Pesticides using Pedestrian Hand Held Equipment QG (PA6)

Unit 151 Operating pedestrian hand-held applicators fitted with hydraulic nozzles or rotary atomisers to apply pesticides to land (PA6A)

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 applicators (including pump types and components) to include inspection of applicator and description of applicator components

- Piston (must be covered)
- Diaphragm (must be covered)
- Compression.

Knowledge of pressure management systems

- Spray management valve / constant flow valve / pressure regulator
- Pressure adjustment

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 a range of nozzles appropriate to applicator and relevant nozzle chart interpretation

- Deflector
 - Flat fan
 - Hollow cone
 - Full cone
 - Even spray flat fan
 - Air inclusion
- (Please note: Assessor to identify nozzle, explain when it would be used and interpret the markings. Additional detail can be obtained / interpreted from an appropriate nozzle chart.

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 if pesticide for area
 - Amount of pesticide for full tank
- Explain three methods of increasing/decreasing application volume.

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.

Knowledge of drift reduction methods

- Nozzle height
- Pressure
- Nozzle choice
- Direction of spraying
- Nozzle shroud
- Weather conditions

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 accurately marked
- Last (odd) width. Treatment method demonstrated.
- Whole site treated within 10% accuracy
- Explanation of how to accurately carry out spot treatment

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 a treatment record

- Treatment 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 44.

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