

Technical Evaluation Record V3 Jan22



QUALIFICATION:	Pesticides - PA2F Weed Wiper	Qualification Code:	0216-50 (Ind)				
		Units:	114				
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 range of wick type applicators (including pesticide delivery methods, controls, components, wick types)		1	2	3	4	5	
Knowledge of machine preparation and safe driving considerations		1	2	3	4	5	
Knowledge of operator protection, sealed cab/open platform and PPE requirements and standards		1	2	3	4	5	
Knowledge of nozzles and nozzle chart interpretation (note: not all wick type applicators may be fitted with a nozzle, but potential Assessors should still have a knowledge of them)		1	2	3	4	5	
Interpretation of an appropriate product label		1	2	3	4	5	
Set up the applicator		1	2	3	4	5	
Read a range of different measuring vessels		1	2	3	4	5	
Knowledge of how to avoid off-target application		1	2	3	4	5	
Measure, mix and fill applicator. Carry out an application. Knowledge of site marking options		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:					52
	NOT MET	(NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) <i>If an existing PA Assessor then please adjust total score required to 44</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:		DATE:			
ASSESSOR SIGNATURE:		£200 Half Day £300 Full Day					

TECHNICAL EVALUATION RECORD

0216-50 Level 2 Award in the Safe Application of Pesticides Using Self Propelled, Mounted, Trailed Horizontal Boom Sprayers (PA2)

Unit 114 Operating Mounted or Trailed Wick Type Applicators (PA2F)

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 range of wick type applicators (including pesticide delivery methods, controls, components, wick types)

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

- Operating controls
- Applicator components
- Wick types
- Liquid flow

Knowledge of machine preparation and safe driving considerations

- Pre-use checks to prime mover
- Compatibility and security
- Safe driving
- Contact with obstacles (e.g. overhead power lines)

Knowledge of operator protection, sealed cab/open platform and PPE requirements and standards

- Operator protection – sealed cab
- Operator protection – open cab/canopy/platform
- CE and EN markings-relevance
- Coverall specifications -Type4/5/6
- Glove specification
- Face shield
- Boot specification
- RPE – types and reasons

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

(Note: not all wick type applicators may be fitted with a nozzle, but potential Assessors should still have knowledge of them)

- 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 an appropriate product label

- Product label 1

Set up the applicator

- Suitable forward speed for target and ground conditions
- Height adjustment
- Travel slowly forward to ensure even distribution
- Time required to prime wick (wet/dry)
- Adjust flow rate to wick

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 granules.

Knowledge of reducing off-target application

- Over-saturation of wick
- Avoidance of drips
- Wick alignment to target
- Liquid pressure
- Forward speed
- Wick height

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.
- 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 nozzle/delivery system 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 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.