

Technical Evaluation Record v2 Aug19



| | | | | | | | | |
|--|--------------------|---|---------------|---|---|--------------|---|---|
| QUALIFICATION: | Pesticides – PA6AW | Qualification Code: | 0216-54 (Ind) | | | | | |
| | | Units: | 152 | | | | | |
| 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 | 2 | 3 | 4 | 5 | 1 = 12 or less/20 2 = 14/20 3 = 16/20 4 = 18/20 5 = 20/20 |
| Knowledge of H&S regulations and industry best practice. Carry out SSRA, COSHH and environmental assessment | | | 1 | 2 | 3 | 4 | 5 | |
| Knowledge of possible risks to the aquatic environment from pesticide application. Knowledge of the application approval process | | | 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 an appropriate product label with aquatic approval | | | 1 | 2 | 3 | 4 | 5 | |
| Calibrate the applicator (without use of calibration sheet/aids). | | | 1 | 2 | 3 | 4 | 5 | |
| Complete calibration test paper | | | 1 | | | | 5 | |
| 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 treatment | | | 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: | | | | | | 56 |
| | NOT MET | (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) <i>If an existing PA Assessor then please adjust total score required to 48</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 | | | DATE: | | |
| ASSESSOR SIGNATURE: | | | £300 Full Day | | | | | |

TECHNICAL EVALUATION RECORD

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

Unit 152 Operating Pedestrian Hand Held Applicators fitted with Hydraulic Nozzles or Rotary Atomisers to Apply Pesticides to or Near Water (PA6AW)

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.
- Operator safety considerations in the aquatic environment explained.

Carry out environmental assessment

- Definition of the term in or near water
- 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 the application approval process

- Knowledge of relevant environmental agency application process.
- Completion of application form explained (this does not need to be physically completed).

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
- Personal buoyancy equipment

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 an appropriate product label with aquatic approval

- Product label 1

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
- 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 correctly complete all of 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
- Treatment method explained
- 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 48.

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