

NPTC
by City & Guilds

QUALIFICATION:	Pesticides – PA4G Granular Pesticide Applicators	Qualification Code:	0216-52						
		Units:	242						
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 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 application equipment (including all controls and components)		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			
Interpretation of application guidance charts		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 methods to reduce off target application		1	2	3	4	5			
Measure and fill applicator. Carry out an application. Knowledge of site marking options		1	2	3	4	5			
Knowledge of cleaning/decontamination/disposals. Complete an application 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:									
Please continue on reverse if necessary									
ASSESSOR COMMENTS:									
Please continue on reverse if necessary									
TECHNICAL VERIFIER SIGNATURE:						COST: £200 Half Day £300 Full Day		DATE:	
ASSESSOR SIGNATURE:									

TECHNICAL EVALUATION RECORD

0216-52 L2 Award in the Safe Application of Pelleted or Granular Pesticides Using Mounted or Trailed Applicators (PA4)

Unit 131 Operating Mounted or Trailed Granular Pesticide Applicators (PA4G)

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 application equipment (including all controls and components)

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

- ☐ Operating controls
- ☐ Applicator components
- ☐ Granule flow
- ☐ Air flow (if applicable)
- ☐ Operating differences between fixed forward speed and variable forward speed (rate controller) applicators

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
- ☐ Closed transfer systems
- ☐ CE and EN markings-relevance
- ☐ Overall specifications -Type4/5/6
- ☐ Glove specification
- ☐ Face shield
- ☐ Boot specification
- ☐ RPE – types and reasons

Interpretation of application guidance charts

- ☐ Use of manufacturers handbook/application chart(s)

Interpretation of two appropriate product labels including reference to industry stewardship guidelines (where relevant)

- ☐ Product label 1
- ☐ Product label 2

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

- ☐ Calibration method 1 (carried out):
 - Required output
 - Amount of product for area

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 methods to reduce off target application

- ☐ Applicator levelled according to manufacturer's recommendations (if applicable)
- ☐ Applicator at correct height (if applicable)
- ☐ Correct settings of spreading/delivery mechanism
- ☐ Allowance for wind/slope
- ☐ Appropriate forward speed
- ☐ Accurate on/off

Carry out measuring of product

- ☐ Suitable site selected
- ☐ Correct PPE used
- ☐ Accurate measurement of granules
- ☐ Ability to use appropriate weigh scales
- ☐ Weight stated in kilograms
- ☐ Weight stated in grams
- ☐ Avoidance of spillage. Collection 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 refilling during application

Knowledge of cleaning/decontamination/disposals ☐

Dealing with surplus granules

- ☐ Dealing with spillages
- ☐ Cleaning procedure explained
- ☐ Disposal of waste arising from cleaning
- ☐ 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 44.

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