CITY & GUILDS LEVEL 2 AWARD IN THE SAFE APPLICATION OF PESTICIDES USING PEDESTRIAN HAND HELD EQUIPMENT (PA6) 601/5145/6



QUALIFICATION GUIDANCE

Independently Assessed

Essential Qualification Information

Not to be used by the Candidate during Assessment

You will require some of this information to accurately complete the Record of Assessment (ROA)

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Qualification Group No	0 2 1 6	Pesticides
Qualification Programme No	0 2 1 6 - 5 4	L2 Award in the Safe Application of Pesticides using Pedestrian Hand Held Equipment (PA6)
Unit(s)	1 5 1	Operating Pedestrian Hand Held Applicators Fitted with Hydraulic Nozzles or Rotary Atomisers to Apply Pesticides to Land (PA6A) (A/505/7736)
	1 5 2	Operating Pedestrian Hand Held Applicators fitted with Hydraulic Nozzles or Rotary Atomisers to Apply Pesticides to or Near
	1 5 3	Water (PA6AW) (F/505/7740) Operating Pedestrian Hand Held Applicators to apply Pesticide Pellets or Granules to Land (PA6G) (R/505/7743)
	1 5 4	Operating Pedestrian Hand Held Applicators to Apply Pesticide Pellets or Granules to or Near Water (PA6GW) (D/505/7745)
	1 5 5	Installing Pesticide Plugs in Tree Stumps (PA6PP) (K/505/7747)
	1 5 6	Operating Hand held Pesticide Injection Equipment (PA6INJ) (M/505/7748)
	1 5 7	Operating other Hand Held Applicators Requiring Minimal Calibration (PA6MC) (K/505/7750)
Guided Learning	1 5 1	GLH 28 (Credit Value 3)
Hours (GLH)	1 5 2	GLH 28 (Credit Value 3)
	1 5 3	GLH 28 (Credit Value 3)
	1 5 4	GLH 28 (Credit Value 3)
	1 5 5	GLH 28 (Credit Value 3)
	1 5 6	GLH 28 (Credit Value 3)
	1 5 7	GLH 28 (Credit Value 3)

Total Qualification Time (TQT)

Minimum 30 Hours

Recommended Assessment Duration

1.5 – 3 hours per Candidate

Pre-Requisite Units

1 0 1

Principles of Safe Handling and Application

of Pesticides (PA1)

Version and date	Change detail	Section
3.1 November 2017	Added TQT details Deleted QCF / Learning Time	Qualification at a glance, Structure Throughout

City & Guilds Level 2 Award in the Safe Application of Pesticides using Pedestrian Hand Held Equipment (PA6) Qualification Guidance

Introduction

The scheme will be administered by City & Guilds

City & Guilds will:

Publish - Scheme regulations

- Qualification guidance
- Training material
- Trainers support material

Approve Centres to co-ordinate and administer the scheme Set standards for the training of Verifiers and Assessors Recruit, train and deploy Verifiers Manage verification

Issue Certificates to successful Candidates

The Qualification

The qualification will be awarded to Candidates who achieve the required level of competence in the units to which their Certificate relates.

Training

The Code of Practice for Using Plant Protection Products states "By Law everyone who uses pesticides" professionally must have received adequate training in using pesticides safely". Candidates are strongly advised to ensure that they will be able to meet the standards required in the assessment.

Total Qualification Time

Total Qualification Time (TQT) is the total amount of time, in hours, expected to be spent by a Learner to achieve a qualification. It includes both guided learning hours (which are listed separately) and hours spent in preparation, study and assessment.

Access to Assessment

Assessment Centres will be responsible for arranging the assessment on behalf of the Candidate.

The minimum age limit for Candidates taking Certificates of Competence is 16 years. There is no upper age limit.

The assessment consists of seven optional units:

Unit 151 (PA6A)		(Optional)	(Credit Value 3)	(Print pages 7 – 11 plus 39)
Out Out Out Out	acome 1. acome 2. acome 3. acome 4. acome 5. acome 6.	Be able to assess Be able to read an Be able to prepare Be able to operate	the environmental factors related interpret product information	destrian applicator (Criteria 4.1 – 4.6) Criteria 5.1 – 5.4)
Unit 152 (PA6AW	<i>I</i>)	(Optional)	(Credit Value 3)	(Print pages 12 – 17 plus 39)
Out Out Out Out	acome 1. acome 2. acome 3. acome 4. acome 5. acome 6.	Be able to assess Be able to read an Be able to prepare Be able to operate	the environmental factors related interpret product information	destrian applicator (Criteria 4.1 – 4.6) Criteria 5.1 – 5.4)
Unit 153 (PA6G)		(Optional)	(Credit Value 3)	(Print pages 18 – 21 plus 39)
Out Out Out Out	acome 1. acome 2. acome 3. acome 4. acome 5. acome 6.	Be able to assess Be able to read an Be able to prepare Be able to operate	the environmental factors related interpret product information	destrian applicator (Criteria 4.1 – 4.6) - 5.4)
Unit 154 (PA6GW	V)	(Optional)	(Credit Value 3)	(Print pages 22 – 26 plus 39)
Out Out Out Out	acome 1. acome 2. acome 3. acome 4. acome 5. acome 6.	Be able to assess Be able to read an Be able to prepare Be able to operate	the environmental factors related interpret product information	destrian applicator (Criteria 4.1 – 4.6) - 5.4)

Unit 155 (PA6PP)	(Optional)	(Credit Value 3)	(Print pages 27 – 29 plus 39)
Outcome 1. Outcome 2. Outcome 3. Outcome 4.	Be able to ass Be able to rea	sess the environmental factors and interpret product info	is relating to pesticide plug installation (Criteria 1.1 – 1.2) ors relating to the installation site (Criteria 2.1 – 2.2) rmation (Criteria 3.1 – 3.2) cion equipment and calculate numbers of plugs required (Criteria 4.1 –
Outcome 5. Outcome 6.	Be able to ins	tall pesticide plugs (Critericarry out post-operational p	ia 5.1 – 5.3) rocedures (Criteria 6.1 – 6.3)
Unit 156 (PA6INJ)	(Optional)	(Credit Value 3)	(Print pages 30 – 33 plus 39)
Outcome 1.	Know the legis	slative and safety regulation	s relating to pesticide injection equipment (Criteria 1.1 – 1.2)
Outcome 2.	Be able to ass	sess the environmental factor	ors relating to the site (Criteria 2.1 – 2.2)
Outcome 3.	Be able to rea	d and interpret product info	rmation (Criteria 3.1 – 3.2)
Outcome 4.	Be able to pre	pare and calibrate the pesti	cide injection equipment (Criteria 4.1 – 4.4)
Outcome 5.	Be able to inje	ect pesticide (Criteria 5.1 -	- 5.4)
Outcome 6.	Know how to	carry out post-operational p	rocedures (Criteria 6.1 – 6.3)
Unit 157 (PA6MC)	(Optional)	(Credit Value 3)	(Print pages 34 – 39)
Outcome 1.	Know the legis	slative and safety regulation	s relating to applicator use (Criteria 1.1 – 1.2)
Outcome 2.	Be able to ass	sess the environmental factor	ors relating to the site (Criteria 2.1 – 2.2)
Outcome 3.	Be able to rea	d and interpret product info	rmation (Criteria 3.1 – 3.2)
Outcome 4.	Be able to pre	pare and calibrate a hand h	neld applicator (Criteria 4.1 – 4.5)
Outcome 5.	Be able to ope	erate the application equipm	nent (Criteria 5.1 – 5.4)
Outcome 6.	Know how to	carry out post-operational p	rocedures (Criteria 6.1 – 6.3)

Candidates must successfully achieve all assessment activities in their chosen unit(s).

There are no endorsements for this Award.

Quality Assurance

Verification is a process of monitoring assessment; it is an essential check to confirm that the assessment procedures are being carried out in the way City & Guilds has specified. The overall aim of Verification is to establish a system of quality assurance that is acceptable in terms of both credibility and cost effectiveness.

Approved Assessors will be subject to a regular visit by a Verifier at a time when assessments are being undertaken.

Documents completed by the Assessor may be inspected by a Centre appointed Internal Verifier and a City & Guilds approved Verifier at any time.

Compliance with the verification requirements is a pre-requisite for Assessors remaining on the list of approved Assessors.

After assessment has been completed the Qualification Guidance is to be retained by the Assessor for 12 months and is to be made available for inspection by a Centre appointed Internal Verifier, a City & Guilds approved Verifier or when a centre visit takes place by a Quality Systems Consultant (QSC).

Performance Evaluation

The result of each assessment activity is evaluated against the following criteria:

- Met Meets or exceeds the assessment criteria by displaying a level of practical performance and/or underpinning knowledge. If the Criterion has been MET, a tick ☑ is to be put in the box provided in the bottom right-hand column of each section.
- NM = Not Met Does not satisfy the requirements of the assessment criteria, being unable to perform the practical task satisfactorily or safely or having insufficient underpinning knowledge. If the Criterion is NOT MET, a cross 🗵 is to be put in the box provided in the bottom right-hand column of each section.

Appeals and Equal Opportunities

Centres must have their own auditable, appeals procedures. If a Candidate is not satisfied with the examination conditions or a Candidate feels the opportunity for examination is being denied, the Centre Manager should, in the first instance, address the problem. If, however the problem cannot be resolved, City & Guilds will arbitrate and a Principal Verifier may be approached to offer independent advice. All appeals must be clearly documented by the Centre Manager and made available to the Principal Verifier or City & Guilds if advice is required.

Should occasions arise when Centres are not satisfied with any aspect of the verification process, they should contact the Quality Assurance Manager at City & Guilds NPTC, Building 500, Abbey Park, Stareton, Warwickshire, CV8 2LY. Telephone 024 7685 7300

Access to the qualification is open to all, irrespective of gender, race, creed or special needs. Subject to H&S restrictions the Centre Manager should ensure that no learner is subjected to unfair discrimination on any grounds in relation to access to assessment and to the fairness of the assessment. QCA requires City & Guilds to monitor centres to check whether equal opportunities policies are being adhered to.

Validation of Equipment

All equipment being used for this assessment must comply with the relevant requirements of the Provision and Use of Work Equipment Regulations (PUWER) 1998.

Vehicles must comply with Department of Transport and Road Traffic Acts where relevant.

Any machinery/equipment complying with current legal requirements is acceptable for the assessment, provided it is suitably equipped for all assessment activities to be carried out.

Summary of responsibilities in the assessment process									
Centre responsibilities	Candidate responsibilities	Assessor responsibilities							
A suitable site is made available for the assessment to take place		Ensuring that the site provided is suitable for the assessment to take place							
Machinery, equipment and materials are available to enable assessment of all the activities to take place	To be familiar with the machinery/equipment being used for the assessment	Ensuring that the machinery, equipment and materials provided satisfy the assessment requirements							
	To bring appropriate Personal Protective Equipment (PPE) to the assessment	Ensuring that candidate's PPE complies with the requirements of the assessment							
	To bring relevant training materials (including calibration sheet if applicable)								
	To bring a product label appropriate for the assessment	To ensure that the product label is appropriate for the assessment (or provide a suitable alternative)							

Safe Practice

The Assessor and Candidate must wear Personal Protective Equipment (PPE) when appropriate.

The Assessor must ensure that a Site Specific Risk Assessment is carried out.

All equipment must be operated in such a way that the Candidate, Assessor, other persons and the environment are not endangered. Failure to operate safely and comply with these requirements will result in the Candidate not meeting the required standard.

A breach of Health and Safety that puts any person at risk during the assessment process will result in the assessment being terminated and the Candidate not meeting the required standard. The Assessor may stop the assessment on the grounds of safety at any time at their discretion.

Before any assessments take place, Assessor & Candidate should to be aware of any local or national issues to prevent breach of security, safety and any cross contamination or damage to the local environment.

Information

During the assessment the candidate may refer to operator manuals, training materials or safety publications, but they <u>may not</u> refer to the Qualification Guidance Document.

Questions should be related to the background or employment aspirations of the candidate.

Candidates who undertake this assessment and have met the requirements are reminded of their legal obligation to receive/undertake appropriate additional training in the use of any equipment that differs from that used during the assessment, but which they are nevertheless qualified to use.

Assessment Guidance for the Assessor

This qualification can only be assessed by an Assessor who is suitably qualified and meets the requirements of the awarding body. The Assessor must be independent and cannot have been involved with the training of the Candidate. Please see City & Guilds Centre Manual for guidance.

The Candidate is to be notified of the place and time of assessment and when formal assessment commences and ceases.

Assessors are reminded that assessment is a formal process and that assessment must be carried out using this Qualification Guidance. All relevant assessment criteria must be assessed as specified in the Qualification Guidance. Assessment will be carried out by direct observation and by oral questioning of the Candidate. Where a specific number of responses are required these may include other suitable answers not specified if they are deemed to be correct by the Assessor. The performance of the Candidate is to be recorded on the Qualification Guidance as directed by completing the tick boxes. Space has been provided on the Qualification Guidance for the person assessing to record relevant information which can be utilised to provide feedback to the Candidate. After assessment has been completed the Qualification Guidance document is to be retained by the assessor and provided if required.

Assessment Guidance for the Candidate

A list of registered Assessment Centres is available from City & Guilds NPTC. (www.nptc.org.uk)

Assessment is a process by which it is confirmed that the candidate is competent in the unit(s) within the award to which the assessment relates. It is the process of collecting evidence about the candidate's capabilities and judging whether that evidence is sufficient to attribute competence.

The Candidate must be registered through the City & Guilds approved Assessment Centre for this qualification prior to the assessment.

The results of the assessment will be recorded on the Record of Assessment form (ROA).

The Qualification Guidance contains criteria relating to:

- Observation of practical performance
- Assessment of underpinning knowledge

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Unit 151 - Operating Pedestrian Hand Held Applicators fitted with Hydraulic Nozzles or Rotary Atomisers to Apply Pesticides to Land (PA6A)

Candidate	Α	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	В	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	С	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	D	Name:		Dat	te:	Start Time:	Dura	atior	1:		
CRITERIA NUMBER		ASSESSMENT CRITERIA	ASSESSOR GUIDANCE		-	ASSESSMENT ACTIVITIES		A	AND B	IDAT	TE D
Unit 151 1.1	requapp han	cribe the legal uirements relating to lying pesticides using d held pedestrian ipment	Candidate to describe two operator's obligations in terms of legal requirements		complies with comply with TI (Sustainable L the operator m	ards are in place and equip legal requirements ne Plant Protection Product Jse) Regulations 2012 nust hold the appropriate r the equipment they are us	5				
						Met√ No	t Met X				
Unit 151 1.2	pes han equ	cribe how to apply ticides safely using d held pedestrian ipment following ustry best practice	Candidate to describe on operator safety regulation terms of using hand held pedestrian equipment		adopt industrybe aware of ar Risk/COSHH //	esticides Codes of Practice best practice ny safety implications impos Assessment and comply wit	ed by h the				
			Candidate to describe the differences in technique fo overall treatment and spot treatment	r	consistent nozaccurate on/ofmatching of bo	king speed ng to maintain constant pres zle height f points	sure				
			Three required for each technique		timed treatmentavoidance of u	ole nozzle suitable height	t Met X				
Unit 151 2.1		ntify risks to the ironment	Candidate to identify all relevant risks to the environment for the application site		 wildlife non-target plant sensitive cropses hedgerows housing public access 	ons margins/strips/areas nts	t Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND		
NUMBER	CRITERIA Explain how to minimise	GUIDANCE Candidate to explain how to	ACTIVITIES Explanation may include the following points:	Α	В	С	D
Unit 151	risks to the environment	minimise the risks identified	check and maintain application rate				
		in 2.1	avoid spray drift				
2.2			avoid spray drift avoid off target application				
			observe buffer zones				
			inform neighbours				
			erect warning signs				
			use an appropriate pesticide (minimal environmental impact)				
			appropriate timing of application				
		Candidate to state the reason for minimising spray drift or off target application	avoidance of contamination to people and the environment				
		Candidate to check and	use of an anemometer at suitable height or visual				
		comment on wind speed and	signs				
		direction	wind direction				
		Opendidate to atota fine					
		Candidate to state five factors that affect spray drift	May include:			_	
		lactors that allost spray unit	weather conditions				
			direction of spraying				
			nozzle type and size				
			pressure				
			walking speed				
			nozzle height				
			rotary atomiser speed				
			defective equipment				
			Met ✓ Not Met X				
	Read product information	The candidate is required to	To include the following:				
Unit 151	•	read and interpret the	product name				
3.1	Interpret product information	information on a product label and provide relevant information as requested by	active substance(s) (ingredient(s))				
Unit 151		the Assessor	Important information:				
Olin 131			field of use				
3.2		Note to the Assessor: A	crop/target				
		product label is required. It is expected that the candidate	maximum individual dose				
		will provide the product label	maximum total dose				
			maximum number of treatments				
		The label provided must be	May include the following:				
		for a currently approved product and appropriate to	,				
		the candidates normal work	specific product precautions/warningsoperator protection				
		situation					
		Note to the Candidate	environmental protection restrictions on use				
		(Assessor also to note): It is	lestrictions on use				
		acceptable for key	Crop specific information:				
		information on the label to be	crop/target				
		highlighted for use during the assessment	dose rate				
			water volume				
			• timing				
			Mixing and spraying:				
			• filling				
			reduced volume applications (if applicable)				
			recommended nozzles				
			recommended pressure				
			spray quality				
			additional label information				
			compatibility				
			Met ✓ Not Met X				
		i contraction of the contraction	mict Hot Mict X			لسا	السار

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA [*]	TE D
	Carry out pre use checks	Candidate to carry out all	To include:				
Unit 151 4.1	to the sprayer/applicator	pre-use checks relevant to the sprayer/applicator being used for the assessment	 sprayer/applicator de-pressurised Sprayer/applicator components to be inspected for 				
4.1			serviceability and contamination that may include:				
			• tank				
			• lid				
			• filters				
			• hoses				
			connectionsseals				
			seals on/off control				
			lance				
			• straps				
			pump, visual assessment only				
			batteries (if applicable)				
			engine (if applicable)				
			origino (ii applicasio)				
		Candidate to part fill the	To include:				
		sprayer/applicator and check for satisfactory operation	sprayer/applicator checked for leaks under pressure				
		operation	any problems identified to be rectified if within				
			operators level of responsibility and ability				
			condition confirmed as suitable for operation				
			Met ✓ Not Met X	Ш	Ш	Ш	
Unit 151	Identify suitable operating pressure and select nozzles according to	Candidate to identify and explain the use of two types of nozzle	deflector - medium/coarse spray quality. Generally used to apply herbicides				
4.2	application requirements	Note to the Assessor: One of these should be the nozzle	air inclusion - medium/coarse spray quality. Good drift reduction properties				
		intended for use	full cone - medium/coarse spray quality. Suitable for spot treatment and spraying around obstacles				
			fan nozzle - fine, medium or coarse spray quality. General purpose				
			hollow cone - fine spray quality. Generally used for insecticide and fungicide treatment				
		Fit the required nozzle for use and select the correct	To include:		_		
		pressure	suitable nozzle selected				
		·	nozzle fitted correctly				
			correct pressure selected				
		Candidate to check nozzle	To include:				
		condition and spray pattern using any appropriate method	nozzle undamaged				
		using any appropriate method	correct spray pattern for nozzle				
			Met ✓ Not Met X		П	П	
	Calibrate the	The candidate is required to	Calibration to include:				
Unit 151	sprayer/applicator and	calibrate the	calculation of water volume rate				
4.3	record relevant data	sprayer/applicator and record relevant data	check water volume rate against product				
4.5		Totovani data	information recommendations				
		Note to the Assessor: Any method of calibration may be used providing it is capable of allowing for different walking speeds and spray widths					
		Candidate to record relevant	Calibration data may include:				
		calibration data	applicator used				
			walking speed				
			 nozzle(s) fitted (spray width if appropriate) 				
			pressure setting				
			flow rate				
			Met ✓ Not Met X				
		1	Mot. Hot Mot A		<u>ш</u>	<u> </u>	<u>ш</u>

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND		
NUMBER	CRITERIA Measure the	GUIDANCE Candidate to measure the	ACTIVITIES To include:	Α	В	С	D
Unit 151 4.4	area to be treated	area. The Assessor may assist under direction of the candidate	• Accurate measurement of dimensions Met ✓ Not Met X				
4.4		Note to the Assessor: A rectangular area of approximately 200sq metre is required for the assessment which must involve multiple bouts	met / Not met X				
Unit 151	Calculate the area to be treated	Candidate to calculate the area	to include: • Accurate calculation of area				
4.5			Met ✓ Not Met X				
Unit 151 4.6	Calculate the quantities of pesticide and water required if applicable	Candidate to calculate quantities required for the specified area in 4.5 and a full tank	To include: amount of water required for specified area amount of pesticide required for specified area amount of pesticide required for full tank				
			Met ✓ Not Met X				
	Measure the required	Candidate to measure and	To include:				屵
Unit 151 5.1	quantities and add to the sprayer/applicator, or attach pesticide container	add quantities required for the area specified in 4.5 Note: This may be a	correct selection and use of PPE (as required by the product label and/or COSHH Assessment) observance of pesticide manufacturers				
		simulated pesticide product supplied by the Assessor	instructions for mixing sequence and agitation (or other recommended method) suitable site selected				
			 clean water supply accurate measurement of water accurate measurement of pesticide avoidance of spillage 				
			or attach a pesticide container return to secure storage				
			Met ✓ Not Met X				
Unit 151 5.2	Demonstrate safe and accurate application procedures	The candidate is required to treat the area in 4.5 demonstrating safe and accurate application procedures	To include: • treatment area clearly identified • walking speed maintained • accurate switching on/off points • accurate matching of bouts • obstacles dealt with correctly (if applicable) • area treated minimising overlaps and misses • awareness of changing weather conditions and appropriate action taken (if applicable) • avoidance of off target application/contamination Met ✓ Not Met X				
Unit 151 5.3	Carry out all activities protecting human health and the environment	Note to the Assessor: The Assessor to be satisfied that the candidate has carried out all activities protecting human health and that of the environment	To include: • prevention of personal injury and contamination through correct selection and use of PPE (as required by the product information, COSHH and Risk Assessment) • prevention of public / bystander contamination • safe filling procedure • avoidance of spray drift • avoidance of off target application/contamination • avoidance of over dosing/under dosing crop/target/plant material				
			Met ✓ Not Met X				
Unit 151	Complete a treatment record	The candidate is required to complete a treatment record	Completion of the treatment record must be: accurate legible (if handwritten)				
5.4		Note to the Assessor: The treatment record must be approved by the Assessor (or supplied by the Assessor if necessary)	Met ✓ Not Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDA	ГΕ
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
	Explain how to manage	Candidate to explain one	May include:				
Unit 151	surplus pesticide and dispose of waste material	method of dealing with surplus concentrate pesticide	return to temporary mobile store				
6.1	dispose of waste material	Surpius concentrate pesticide	return to fixed store				
		Candidate to explain one	Containers:				
		methods of dealing with	triple rinsed				
		waste containers or packaging	placed in secure storage until disposal				
		packaging	returned to supplier				
			collected by a licensed waste disposal contractor				
			Packaging:				
			thoroughly emptied				
			placed in secure storage until disposal				
			collected by a licensed waste disposal contractor				
			acionesia sy a noonosa madic disposal continuoto.				
		Candidate to explain two	May include:				
		methods of dealing with surplus dilute pesticide	back on to site as long as it is below the maximum				
			dose rate use on another approved crop/target				
			 treated by specialist treatment facility on site (e.g. 				
			a lined bio bed)				
			collected by a licensed waste disposal contractor				
			Met ✓ Not Met X				
	Explain how to clean and	Candidate to explain four	May include:				Ш
Unit 151	decontaminate the	factors that need to be	select and use appropriate PPE				
	sprayer/applicator	considered when cleaning	appropriate site				
6.2		and decontaminating the	thorough washing with water and suitable			-	
		sprayer	cleaning agent (if recommended/required)				
			internal and external surfaces				
			care to ensure contamination 'hot-spots' are clean				
			thorough flushing of system				
			safe disposal of contaminated washings				
			when cleaning should take place				
			safe procedures followed				
			Met ✓ Not Met X				
	Describe the storage	Candidate to describe three	May include:				
Unit 151	requirements for the	factors to consider prior to	ensure the applicator is clean and dry				
6.3	sprayer/applicator	storing the applicator	inspect for wear and damage				
0.3			replace any worn or damaged parts				
			frost protection measures implemented				
			lubricate as required				
			store undercover and out of direct sunlight				
			store in a secure area				
			Met ✓ Not Met X				

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

,	io to apply i colle	acc to c. moa. ma		(1.7107111)						
Candidate	A Name:		Dat	te:	Start Time:	Dura	ation	1:		
Candidate	B Name:		Date:		Start Time:	Dura	itior	1:		
Candidate	C Name:		Dat	te:	Start Time:	Dura	ation	1:		
Candidate	D Name:		Dat	te:	Start Time:	Dura	ition	1:		
CRITERIA	ASSESSMENT	ASSESSOR		AS	SSESSMENT		C	AND	IDA	ſΕ
NUMBER	CRITERIA	GUIDANCE			ACTIVITIES		Α	В	С	D
Unit 152	Describe the legal requirements relating to applying pesticides to or near water using hand held	Candidate to describe two operator's obligations in terms of legal requirements		complies with leg	ds are in place and equipmoral requirements Plant Protection Products	ent				
	pedestrian equipment			(Sustainable Use	e) Regulations 2012 st hold the appropriate					
		Candidate to state two leg	ler	certification for the Both required:	ne equipment they are using	g				
		requirements when applying		•	aida haa aguatia annraval					
	pesticides to or near		_	·	cide has aquatic approval					
				Seek environmen	ntal agency approval					
					Met√ Not	Met X				
	Describe how to apply	Candidate to describe one	-	May include:						
Unit 152	pesticides safely to or near water using hand held	operator safety regulation terms of using hand held	in	 comply with Pes 	ticide Codes of Practice					
1.2	pedestrian equipment	pedestrian equipment		 adopt industry be 	est practice					
1.2	following industry best practice	1			safety implications imposed sessment and comply with					
		Candidate to describe the	:	Overall treatment incl	udes:					l
		differences in technique for	 consistent walkir 	ng speed						
		overall treatment and spot treatment		 regular pumping 	to maintain constant press	ure				
		liedillielli		 consistent nozzle 	e height					
		Three required for each		accurate on/off p	points					
		technique		 matching of bout 	'S					
				avoidance of off	target application					
										1
				Spot treatment includ				П		
				use of a suitable						
				maintaining a su	itable height					
				timed treatment						
				avoidance of unc	•					
				 avoidance of off 	target application					
		Define the term to or near		May include the follow	ving:					
		water		 wet or dry ditche 	S					
		Candidate to state four		 drainage channe 	els					
		examples		streams						
				rivers						
				canals						
				ponds						
				 lakes/lochs 						
				 reservoirs 						
				and areas imme	diately adjacent					
		Describe two operator saf	fetv	May include:						
		considerations in terms of	,	•	ility before applying					
		using hand held pedestriar	า		econd person on site					
		equipment in the aquatic environment		-	ring/rescue devices					
		GIIVII OI II I I I I I I I I I I I I I I		aranabini, or mo	Met ✓ Not	Mary				
		•			MAT V NAT	nact X	11 1	. 1	. 1 '	a I

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDA	ΤЕ
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 4E0	Identify risks to the aquatic	Candidate to identify all	May include the following:			_	
Unit 152	environment	relevant environmental risks to the proposed treatment	ground conditions				
2.1		site	wildlife				
			non-target plants				
			environmental margins/strips/areas				
			hedgerows				
			housing				
			public access				
			sensitive crops/areas				
			water courses				
			• boreholes				
			livestock drinking points				
			recreational use of water body/course				
			water extraction points				
			de-oxygenation of water				
			removal of fish cover				
			removal of bankside wildlife habitat				
			removal of bankside vegetation leading to bank				
			erosion				
			other risks specific to the site				
			Met ✓ Not Met X		П		
	Explain how to minimise	Candidate to explain how to	Explanation may include the following points:		H		屵
Unit 152	risks to the environment	minimise the risks identified	work in an upstream direction				
		in 2.1					
2.2			check weather suitability before treatment check downstream uses before treatment				
				l			
			seek environmental agency approval				
			use of an appropriate pesticide (minimal environmental impact)				
			appropriate timing of treatment				
			check and maintain application rate				
			avoid spray drift				
			avoid off target application				
			exclude livestock				
			erect warning signs				
			inform neighbours				
			Inform neighbodis				
		Candidate to check and	use of anemometer at suitable height or visual				
		comment on wind speed and	signs				
		direction	wind direction				
		Candidate to state the	avoidance of contamination to people and the				
		reason for minimising spray drift or off target application	environment, including the aquatic environment				
		diff of on target application					
		Candidate to state five	weather conditions				
		factors that affect spray drift	direction of spraying				
			nozzle type and size				
			• pressure				
			walking speed				
			nozzle height				
			rotary atomiser speed				
			defective equipment				
			Met ✓ Not Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA ¹	TE D
NOWBER	Read product information	The candidate is required to	To include the following:	A	В	C	U
Unit 152	rtoda proddot inioniation	read and interpret the	product name				
3.1	Interpret product information	information on a product label and provide relevant information as requested by	active substance(s) (ingredient(s))				
3.2		the Assessor	Important information:				
J.2		Note to the Assessor: A	field of use (aquatic approval)				
		product label is required. It is	• target				
		expected that the candidate	maximum individual dose				
		will provide the product label	maximum total dose				
		The label provided must be	maximum number of treatments				
		for a currently approved			_		
		product and appropriate to	May include the following:				
		the candidates normal work situation	specific product precautions/warnings				
		Situation	operator protection				
		Note to the Candidate	environmental protection				
		(Assessor also to note): It is acceptable for key	restrictions on use				
		information on the label to be highlighted for use during the	Crop specific information: target				
		assessment	dose rate				
			water volume				
			• timing				
			Mixing and spraying:				
			filling				
			reduced volume applications (if applicable)				
			recommended nozzles				
			recommended pressure				
			spray quality				
			additional label information				
			• compatibility				
	Corm, out pro use sheeks	Condidate to sown, out all	Met ✓ Not Met X To include:	Ш	Ш	Ш	Ш
Unit 152	Carry out pre use checks to the sprayer/applicator	Candidate to carry out all pre-use checks relevant to the sprayer/applicator being	sprayer/applicator de-pressurised				
4.1		used for the assessment	Sprayer/applicator components to be inspected for serviceability and contamination that may include:				
			• tank				
			• lid				
			filters				
			• hoses				
			connections				
			seals				
			on/off control				
			lance				
			• straps				
			pump, visual assessment only				
			batteries (if applicable)				
			engine (if applicable)				
		Candidate to part fill the	To include:				
		sprayer/applicator and check for satisfactory operation	sprayer/applicator checked for leaks under pressure				
			any problems identified to be rectified if within operators level of responsibility and ability				
			condition confirmed as suitable for operation				
			·				
			Met ✓ Not Met X	Ш	Ш	Ш	Ш_

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C	AND B	IDA [*]	TE
Unit 152	Identify suitable operating pressure and select	Candidate to identify and explain the use of two types	deflector - medium/coarse spray quality. Generally used to apply herbicides				
4.2	nozzles according to application requirements	of nozzle Note to the Assessor: One of these should be the nozzle	air inclusion - medium/coarse spray quality. Good drift reduction properties				
		intended for use	full cone - medium/coarse spray quality. Suitable for spot treatment and spraying around obstacles				
			fan nozzle - fine, medium or coarse spray quality. General purpose				
		Fit the required nozzle for use and select the correct pressure	To include: suitable nozzle selected nozzle fitted correctly				
			correct pressure selected				
		Candidate to check nozzle condition and spray pattern using any appropriate method	To include: nozzle undamaged correct spray pattern for nozzle				
			Met ✓ Not Met X				
Unit 152	Calibrate the sprayer/applicator and	The candidate is required to calibrate the	Calibration to include:				
4.3	record relevant data	sprayer/applicator and record relevant data	calculation of water volume ratecheck water volume rate against product				
4.3		Note to the Assessor: Any method of calibration may be used providing it is capable of allowing for different walking speeds and spray widths	information recommendations				
		Candidate to record relevant calibration data	Calibration data may include: applicator used				
			walking speed				
			 nozzle(s) fitted (swath width if appropriate) pressure setting 				
			Met ✓ Not Met X				
Unit 152	Measure the area to be treated	Candidate to measure the area. The Assessor may	accurate measurement of dimensions				
4.4		assist under direction of the candidate Note to the Assessor: An area of bank/target of approximately 50m length typical of the candidates normal work situation to be used	Met ✓ Not Met X				
Unit 152	Calculate the area to be treated	Candidate to calculate the area	accurate calculation of area				
4.5			Met ✓ Not Met X				
Unit 152	Calculate the quantities of pesticide and water required, if applicable	Candidate to calculate quantities required for the specified area in 4.5 and a full tank	To include: amount of water required for specified area amount of pesticide required for specified area				
4.6		idir tarik	amount of pesticide required for full tank				
	Measure the required	Candidate to measure and	Met ✓ Not Met X To include:			Ш	
Unit 152 5.1	quantities and add to the applicator, or attach pesticide container	add quantities required for the area specified in 4.5	correct selection and use of PPE (as required by the product label and/or COSHH Assessment) observance of pesticide manufacturers				
		Note: This may be a simulated pesticide product supplied by the	instructions for mixing sequence and agitation (or other recommended method) suitable site selected				
		Assessor	clean water supply				
			accurate measurement of water accurate measurement of pesticide				
			 accurate measurement of pesticide avoidance of spillage or 				
			attach a pesticide container				
		document in whole or in part is forhidden with	Met ✓ Not Met X	Ш	Ш	Ш	

Unit 152 5.2 Carry out all activities protecting human health and the environment in all activities protecting human health	CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND		
Social concentration	NUMBER	CRITERIA Demonstrate safe and	GUIDANCE The candidate is required to	ACTIVITIES To include:	Α	В	С	D
demonstrating sole and accurate specification procedures Complete a treatment Complete	Unit 152	accurate application	treat the area in 4.5					
Security	5.0	procedures		·				
Carry out all activities protecting pursuan health and the environment S.3 Carry out all activities protecting pursuan health and the environment S.3 Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan health and the environment Carry out all activities protecting pursuan pursuant Carry out all activities protecting pursuant Carry	5.2			•				
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Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities protecting human health and the environment Carry out all activities or avoidance of of target application contamination Carry out all activities of the activities of the avoidance of of target application contamination Carry out all activities								
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Unit 152 5.3 Note to the Assessor: Assessor to be statisfied that and the environment								
Unit 152 5.3 Unit 152 Carry out all activities protecting human health and the environment at the environment and the environment all activities protecting human health and the environment activities and environment and the environment activities protecting human health and the environment activities protecting human health and the environment activities protecting human health and the environment activities and environment activities protecting human health and the environment activities protecting human health and the environment activities protecting human health and the environment activities and environment activities protecting human health and the environment activities and environment activities protecting human health and the environment activities protecting human health and the enviro				appropriate action taken (if applicable)				
Note to the Assessor: protecting human health and the environment and the environmen				avoidance of off target application/contamination				
Note to the Assessor: protecting human health and the environment and the environmen				Met ✓ Not Met X			П	
Seesance to be satisfied that the condidate has carried out all activities protecting human health and the environment environme		Carry out all activities	Note to the Assessor:					屵
Safe filling procedure evoidance of spray drift evoidance of ortraget application/contamination evoidance of ortraget application/contamination evoidance of ortraget application/contamination evoidance of ortraget plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of ever dosing/unider evoidance evo		protecting human health	Assessor to be satisfied that the candidate has carried out all activities protecting human	 prevention of personal injury and contamination through correct selection and use of PPE (as required by the product information, COSHH and 				
Safe filling procedure evoidance of spray drift evoidance of ortraget application/contamination evoidance of ortraget application/contamination evoidance of ortraget application/contamination evoidance of ortraget plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of over dosing/unider dosing croptarget/plant material evoidance of ever dosing/unider evoidance evo				prevention of public/bystander contamination				
avoidance of orang drift								
avoidance of off target application/contamination avoidance of over dosing/under dosing croptarget/plant material minimizing the impact on the aquatic environment Met ✓ Not Met X								
avoidance of over dosing/under dosing corporatgre/plant material minimising the impact on the aquatic environment met / Not Met x								
Unit 152 Complete a treatment record Complete a treatment record was tecative treatment record must be approved or if necessary supplied by the Assessor: Explain how to manage surplus pesticide and dispose of waste material dispose of waste material Candidate to explain wo methods of dealing with waste containers or packaging: Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with waste on another approved crop/target • treated by specialist treatment facility on site (e.g. a line bio beby in the maximum dose rate waste disposal contractor • treated by specialist treatment facility on site (e.g. a line bio beby in the maximum dose rate waste disposal contractor • treated by specialist treatment facility on site (e.g. a line bio beby in the maximum dose rate w				- ' '				
Unit 152 Complete a treatment record record The candidate is required to complete a treatment record must be:								
Unit 152 5.4 Complete a treatment record complete a treatment record must be:					ln	ln	П	
Complete a treatment record.								
Complete a treatment record.		Complete a treatment	The candidate is required to	Completion of the treatment record must be:				
Note to the Assessor: The treatment record must be approved or in necessary supplied by the Assessor Supplied Surplus pesticide and dispose of waste material Supplied Surplus concentrate pesticide Candidate to explain two methods of dealing with waste containers or packaging Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Packaging: Introduptive morphied Dealer of the Assessor Supplied Dealer of the Assessor Supplied Supplied Supplied Supplied Supplied Supplied Supplied Dealer of the Assessor Supplied Sup	Unit 152			·	П	П	П	
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methods of dealing with waste containers or packaging - triple rinsed - placed in secure storage until disposal - returned to supplier - collected by a licensed waste disposal contractor - Packaging: - thoroughly emptied - placed in secure storage until disposal - collected by a licensed waste disposal contractor - Packaging: - thoroughly emptied - placed in secure storage until disposal - collected by a licensed waste disposal contractor - which is uncluded - placed in secure storage until disposal - collected by a licensed waste disposal contractor - which is uncluded - back on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is uncluded	0.1		Candidate to explain two	Containers:				
waste containers or packaging - placed in secure storage until disposal - returned to supplier - collected by a licensed waste disposal contractor - Packaging: - thoroughly emptied - placed in secure storage until disposal - returned to supplier - collected by a licensed waste disposal contractor - Packaging: - thoroughly emptied - placed in secure storage until disposal - collected by a licensed waste disposal contractor - which is placed in secure storage until disposal - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - treated by specialist treatment facility on site (e.g. a lined bio bed) - collected by a licensed waste disposal contractor - which is pack on to site as long as it is below the maximum dose rate - use on another approved crop/target - use on another approved crop/targ			•				П	
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Unit 152 6.2 Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • back on to site as long as it is below the maximum dose rate • use on another approved crop/target • treated by specialist treatment facility on site (e.g. a lined bio bed) • collected by a licensed waste disposal contractor Met ✓ Not Met X Select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed								
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Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain two methods of dealing with surplus dilute pesticide Candidate to explain tour dose rate Unit 152 6.2 Candidate to explain four factors that need to be considered when cleaning and decontaminate the sprayer Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer Candidate to explain four factors that need to be considered when cleaning and decontaminated the sprayer May include: Select and use appropriate PPE appropriate site thorough washing with water and suitable cleaning agent (if recommended/required) internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed				3 , 1				
Candidate to explain two methods of dealing with surplus dilute pesticide May include: back on to site as long as it is below the maximum dose rate use on another approved crop/target treated by specialist treatment facility on site (e.g. a lined bio bed) collected by a licensed waste disposal contractor Met Not Met X May include: treated by specialist treatment facility on site (e.g. a lined bio bed) collected by a licensed waste disposal contractor Met Not Met X May include: select and use appropriate PPE appropriate site thorough washing with water and suitable cleaning agent (if recommended/required) internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed								
wethods of dealing with surplus dilute pesticide back on to site as long as it is below the maximum dose rate use on another approved crop/target use on another approved crop/target treated by specialist treatment facility on site (e.g. a lined bio bed) collected by a licensed waste disposal contractor decontaminate the sprayer/applicator Select and use appropriate PPE appropriate Site select and use appropriate Site select				collected by a licensed waste disposal contractor				
Unit 152 6.2 Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contaminated washings • treated by specialist treatment facility on site (e.g. a lined bio bed) • collected by a licensed waste disposal contractor Met ✓ Not Met X □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □			methods of dealing with	back on to site as long as it is below the maximum				
Unit 152 6.2 Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed				 use on another approved crop/target 				
Unit 152 6.2 Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed					_	_	_	l _
Unit 152 6.2 Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed				•				
Unit 152 6.2 Explain how to clean and decontaminate the sprayer/applicator Candidate to explain four factors that need to be considered when cleaning and decontaminating the sprayer May include: • select and use appropriate PPE • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed								
decontaminate the sprayer/applicator factors that need to be considered when cleaning and decontaminating the sprayer factors that need to be considered when cleaning and decontaminating the sprayer select and use appropriate PPE appropriate site thorough washing with water and suitable cleaning agent (if recommended/required) internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed					Ш	Ш	Ш	빝
sprayer/applicator considered when cleaning and decontaminating the sprayer considered when cleaning appropriate FFE appropriate site thorough washing with water and suitable cleaning agent (if recommended/required) internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed	Unit 450			•				
and decontaminating the sprayer • appropriate site • thorough washing with water and suitable cleaning agent (if recommended/required) • internal and external surfaces • care to ensure contamination 'hot-spots' are clean • thorough flushing of system • safe disposal of contaminated washings • when cleaning should take place • safe procedures followed	OHIL 192							
sprayer thorough washing with water and suitable cleaning agent (if recommended/required) internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed	6.2	-p.a, a, applicator		elele element				
 internal and external surfaces care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed 			_					
 care to ensure contamination 'hot-spots' are clean thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed 								
 thorough flushing of system safe disposal of contaminated washings when cleaning should take place safe procedures followed 								
 safe disposal of contaminated washings when cleaning should take place safe procedures followed 								
when cleaning should take place safe procedures followed								
safe procedures followed								
Met ✓ Not Met X								
				Met ✓ Not Met X			Ш	oxdot

CRITERIA	ASSESSMENT	ASSESSOR		ASSESSMENT	C	AND	IDA	ГΕ
NUMBER	CRITERIA	GUIDANCE		ACTIVITIES	Α	В	С	D
	Describe the storage	Candidate to describe three	May	y include:				
Unit 152	requirements for the	factors to consider prior to	•	ensure the applicator is clean and dry				
6.3	Sprayer/applicator	storing the applicator	•	inspect for wear and damage				
0.5			•	replace any worn or damaged parts				
			•	frost protection measures implemented				
			•	lubricate as required				
			•	store undercover and out of direct sunlight				
			•	store in a secure area				
				Met ✓ Not Met X				

Unit 153 - Operating pedestrian hand held applicators to apply pesticide pellets or granules to land (PA6G)

ialiu (i A	100	,									
Candidate	A	Name:		Da	ite:	Start Time:	Dura	ation	1:		
Candidate	В	Name:		Da	ite:	Start Time:	Dura	ation	1:		
Candidate	С	Name:		Da	ite:	Start Time:	Dura	atior	1:		
Candidate	D	Name:		Da	ite:	Start Time:	Dura	atior			
CRITERIA NUMBER		ASSESSMENT CRITERIA	ASSESSOR GUIDANCE			SSESSMENT ACTIVITIES		C.	AND B	IDA ¹	ΤΕ
Unit 153	requapple pello	line the legal uirements relating to lying pesticide ets/granules using estrian hand held licators	Candidate to describe two operator's obligations in terms of the legal requirements	0	May include: all required guar complies with legent comply with The (Sustainable Usen the operator must	ds are in place and equipm	g				
Unit 153	pest usin app	cribe how to apply ticide pellets/granules gg pedestrian hand held licators following sstry best practice	Candidate to describe on operator safety regulation terms of using hand held pedestrian equipment		adopt industry bebe aware of any	ticide Codes of Practice est practice safety implications imposed sessment and comply with					
			Candidate to describe the differences in technique fo overall treatment and spot treatment	r	Overall treatment incl	ng speed ng on/off points					
			Three required for each technique		avoidance of unclasses.	itable applicator height	Met X				
Unit 153 2.1	envi	ntify risks to the fronment	Candidate to identify all relevant risks to the environment for the application site		 wildlife non-target plants sensitive crops/a hedgerows housing public access other risks partice 	nargins/strips/areas sareas cular to the site Met ✓ Not	Met X				
Unit 153 2.2 Continued		lain how to minimise s to the environment	Candidate to explain how minimise the risks identifie in 2.1 Candidate to state the reason for minimising off target application		check and maint avoid off target a observe buffer z inform neighbou erect warning sig use an appropriate environmental in appropriate timir	ones rs gns ate pesticide (minimal npact)	he				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA ⁻	TE D
Cont		Candidate to check and comment on wind speed and	use of an anemometer at suitable height or visual signs				
Unit 153		direction	wind direction				
2.2 Unit 153	Read product information	Candidate to state five factors that affect uniformity of spread The candidate is required to read and interpret the	May include: • weather conditions • direction of spreading • pellet/granule density and size • applicator height • applicator set level • defective equipment Met ✓ Not Met X To include the following:				
3.1	Interpret product information	information on a product label and provide relevant	product nameactive substance(s) (ingredient(s))				
J. I Unit 153	inomation	information as requested by the Assessor	Important information: • field of use				
3.2		Note to the Assessor: A product label is required. It is	crop/target maximum individual dose				
		expected that the candidate will provide the product label	maximum total dose				
		The label provided must be	maximum number of treatments				
		for a currently approved product and appropriate to the candidates normal work situation	May include the following:				
		(Assessor also to note): It is acceptable for key information on the label to be highlighted for use during the assessment	Crop specific information:				
			Met ✓ Not Met X				
Unit 153 4.1	Carry out pre use checks to the applicator	Candidate to carry out all pre-use checks relevant to the applicator being used for the assessment Power unit isolated (if applicable)	Applicator components to be inspected for serviceability and contamination that may include: • hopper • lid • agitator • metering device • spinning disc condition • on/off control • straps or harness (if applicable) • wheels and tyres (if applicable)				
Unit 153	Identify settings and adjustments	Candidate to identify any settings and adjustments	May include: • height adjustment				
4.2		applicable to the applicator	spread width adjustment				
			disc speed adjustment metering device				
			Met ✓ Not Met X				
Unit 153 4.3	Calibrate the applicator and record relevant data	The candidate is required to calibrate the applicator and record relevant data Note to the Assessor: Any	Calibration may include: calculation of walking speed measure spread width				
Continued		method of calibration may be used providing it is capable of allowing for different walking speeds and spread widths	calculate application rate check rate against product information recommendations				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C A	AND B	IDA.	TE
	• • • • • • • • • • • • • • • • • • •	Candidate to record relevant	Calibration data may include:				
Cont		calibration data	walking speed				
Unit 153			applicator used				
4.3			height settingspread width				
4.3			metering device setting				
			pellet/granule used				
			Met ✓ Not Met X				
	Measure the area to be	Candidate to measure the	To include:				
Unit 153	treated	area. The Assessor may assist under direction of the	accurate measurement of dimensions				
4.4		candidate	Met ✓ Not Met X				
		Note to the Assessor: A					
		rectangular area of approximately 200sq metre is					
		required for the assessment					
		which must involve multiple bouts					
	Calculate the area to be	Candidate to calculate the	To include:				
Unit 153	treated	area	accurate calculation of area				
4.5			Met ✓ Not Met X				
4.5		On all late to a leader		Ш	Ш	Ш	닏
Unit 153	Calculate the quantities of pesticide required	Candidate to calculate quantity required for the	To include: amount of pesticide required for specified area				
4.0	,	specified area calculated in 4.5	· · · ·				L
4.6			Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 153	Measure/weigh the required quantities and add	Candidate to measure/weigh and add quantities required	To include all of the following:				
	to the applicator	for the area specified in 4.5	correct selection and use of PPE/RPE (as required by the product label, COSHH and Risk				
5.1		Note: This may be a	Assessment)				
		simulated pesticide	suitable site selected				
		product	 add product following product recommendations and approved procedures 				
			accurate measurement of pesticide product				
			avoidance of spillage				
			Met ✓ Not Met X				
Unit 450	Demonstrate safe and	The candidate is required to	To include:				
Unit 153	accurate application procedures	demonstrating safe and	treatment area clearly identified				
5.2		accurate application	 walking speed maintained accurate switching on/off points 				
		procedures	accurate matching of bouts				
			obstacles dealt with correctly (if applicable)				
			area treated minimising overlaps and misses				
			 awareness of changing weather conditions and appropriate action taken (if applicable) 				
			avoidance of off target application/contamination				
			Met ✓ Not Met X			П	П
	Carry out all activities	Note to the Assessor: The	To include:				H
Unit 153	protecting human	Assessor to be satisfied that	prevention of personal injury and contamination				
5.3	health and the environment	the candidate has carried out all activities protecting human	through correct selection and use of PPE/RPE (as required by the product information, COSHH/Risk				
0.0		health and that of the	Assessment)				
		environment	prevention of public/bystander contamination				
			safe filling procedure				
			 avoidance of off target application avoidance of over dosing/under dosing 				
			crop/target/plant material				
			Met ✓ Not Met X				
	Complete a treatment	The candidate is required to	Completion of the treatment record must be:				†
Unit 153	record	complete a treatment record.	accurate				
5.4		Note to the Assessor: the	legible (if handwritten)				
		treatment record must be approved or if necessary	Met ✓ Not Met X				
		supplied by the Assessor					

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDA.	TE
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 153	State how to recover and store surplus	Candidate to explain one method of recovering surplus	Explanation may include:]		
Offic 155	pellets/granules and how	pesticide pellets/granules	careful return to packaging				
6.1	to dispose of waste	positional politicity grantates	return to temporary mobile store				
	material		return to fixed store				
		Candidate to explain one	Packaging:				
		method of dealing with waste	thoroughly emptied				
		packaging	placed in secure storage until disposal				
			collected by licensed waste disposal contractor				
			Met ✓ Not Met X				
Unit 153	Explain how to clean and decontaminate the	Candidate to explain what factors that need to be	Explanation to include at least four of the following points:				
	applicator considered when cleaning the	select and use correct PPE					
6.2		selection of an appropriate site for cleaning the applicator					
			clean the applicator following product information and manufacturer's recommendations				
			safe disposal of contaminated waste in an				
			appropriate manner following good practice				
			safe procedures followed				
			Met ✓ Not Met X				
11 2 450	Describe the storage	Candidate to describe three	May include:				
Unit 153	requirements for the applicator	factors to consider when storing the sprayer/applicator	ensure the applicator is clean				
6.3	αρριισαίοι	Storing the sprayer/applicator	inspect for wear or damage				
0.0			replace any worn or damaged parts				
			lubricate if required				
			store in a secure area				
			store under cover and out of direct sunlight				
			Met ✓ Not Met X				

Unit 154 - Operating Pedestrian Hand Held Applicators to Apply Pesticide Pellets or Granules to or Near Water (PA6GW)

to or ive	ai watei (i Aoow)									
Candidate	A Name:		Date:		Start Time:	Dura	ition	1:		
Candidate	B Name:		Date:		Start Time:	Dura	ition	1:		
Candidate	C Name:		Date:		Start Time:	Dura	itior	1:		
Candidate	D Name:		Date:		Start Time:	Dura	itior	1:		
CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE			SSESSMENT ACTIVITIES		C/	AND B	IDA1	ΓE
Unit 154 1.1	Describe the legal requirements relating to applying pesticide pellets/granules to or near water using pedestrian hand held applicators	Candidate to describe two operator's obligations in terms of legal requirements	•	complies with leg comply with The (Sustainable Use the operator mus	ds are in place and equipments gal requirements Plant Protection Products e) Regulations 2012 st hold the appropriate the equipment they are using					
		Candidate to state two leg requirements when applyir pesticides to or near water	ng .	oth required: ensure the pesti	cide has aquatic approval ntal Agency approval					
	Describe how to apply	Candidate to describe one	n M	ay include:	Met√ Not I	Met X	닏	Ш	Ш	빝
Unit 154 1.2	pesticide pellets/granules to or near water using pedestrian hand held applicators following	operator safety regulation i terms of using hand held pedestrian equipment		comply with Pes adopt industry be	ticide Codes of Practice est practice safety implications imposed	1 by				
	industry best practice				sessment and comply with					
		Candidate to describe the differences in technique for overall treatment and spot treatment Three required for each technique	r •	verall treatment incl consistent walkir accurate switchi matching of bout avoidance of off	ng speed ng on/off points					
			• •	avoidance of und	itable applicator height					
		Define the term to or near water Candidate to state four examples Describe two operator sate	•	ay include the follow wet or dry ditche drainage channe streams rivers canals ponds lakes/lochs reservoirs and areas immeday include:	diately adjacent					
		considerations in terms of using hand held pedestriar equipment in the aquatic environment	•	availability of a s	ility before applying second person on site ring/rescue devices Met ✓ Not I	Met X				
		<u> </u>					<u> </u>		Ш	ш

Unit 154 2.1	CRITERIA Identify risks to the aquatic environment	GUIDANCE	ACTIVITIES	Α	В	^	
				_ ^	כו	С	D
	environment	Candidate to identify all	May include the following:				
2.1	OH VII OH II I OH	relevant risks to the environment for the	ground conditions				
2.1		application site	wildlife				
		application one	non-target plants				
			environmental margins/strips/areas				
			hedgerows				
			housing				
			public access				
			sensitive crops/areas				
			water courses				
			boreholes				
			livestock drinking points				
			recreational use of water body/course				
			water extraction points				
			de-oxygenation of water				
			removal of fish cover				
			removal of bankside wildlife habitat				
			removal of bankside vegetation leading to bank		_	_	_
			erosion				
			other risks specific to the site				
	Evolain how to minimise Candidate to evolain how to	Met ✓ Not Met X					
		Candidate to explain how to	Explanation may include the following points:				
Unit 154	risks to the environment	minimise the risks identified	work in an upstream direction				
0.0		in 2.1	check weather suitability before treatment				
2.2			check downstream uses before treatment				
			seek Environmental Agency approval				
			use of an appropriate pesticide (minimal)				
			environmental impact)				
			appropriate timing of treatment				
			check and maintain application rate				
			avoid off-target application				
			exclude livestock				
			erect warning signs				
			inform neighbours				
		Candidate to state the reason for minimising off target application	avoidance of contamination to people and the environment				
		Candidate to check and comment on wind speed and	use of an anemometer at suitable height or visual signs				
		direction	wind direction				
		Candidate to state five	May include:				
		factors that affect uniformity	weather conditions				
		of spread	direction of spreading				
			-	l			
			point granters derived, and one				
			applicator height				
			applicator set level				
			defective equipment				
			Met ✓ Not Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C A	AND B	IDA ⁻	ΓE
HOMBER	Read product information	Note to the Assessor: A	Important information:				
Unit 154	late we wat were alread	product label is required. It is	field of use (aquatic approval)				
3.1	Interpret product information	expected that the candidate will provide the product label	target				
3.1	inomation	wiii provide the product laber	maximum individual dose				
Unit 154		The label provided must be	maximum total dose				
		for a currently approved product and appropriate to	maximum number of treatments				
3.2		the candidates normal work	May include the following:				
		situation	specific product precautions/warnings				
		Note to the Candidate	operator protection				
		(Assessor also to note): It is	environmental protection				
		acceptable for key	restrictions on use				
		information on the label to be highlighted for use during the					
		assessment	Crop specific information:				
			• target				
			• dose rate				
			• timing				
			additional label information		П		
			Mat / Nat Mat V				
			Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 154	Carry out pre use checks to the applicator	Candidate to carry out all pre-use checks relevant to	Applicator components to be inspected for serviceability and contamination that may include:				
Omt 134	to trie applicator	the applicator being used for	hopper				
4.1		the assessment	• lid				
		Equipment to be ideleted (if	agitator				
		Equipment to be isolated (if applicable)	metering device				
			spinning disc condition				
			on/off control				
			straps or harness (if applicable)				
			wheels and tyres (if applicable)				
			Met ✓ Not Met X				
	Identify settings and	Candidate to identify any	May include:				
Unit 154	adjustments	settings and adjustments	height adjustment				
	,	applicable to the applicator	spread width adjustment				
4.2			disc speed adjustment				
			metering device				
			Met ✓ Not Met X				
	Calibrate the applicator	The condidate is required to	Calibration to include:		ш	ш	Ш
Unit 154	Calibrate the applicator and record relevant data	The candidate is required to calibrate the	measure spread width				
		sprayer/applicator and record	calculate application rate				
4.3		relevant data	check rate against product information				
		Note to the Assessor: Any	recommendations				
		method of calibration may be used providing it is capable of					
		allowing for different walking					
		speeds and spread widths					
		Candidate to record relevant	Calibration data may include:				
		calibration data	walking speed				
			applicator used				
			height setting				
			spread width				
			metering device setting				
			pellet/granule used				
			Met ✓ Not Met X				
	Measure the area to be	Candidate to measure the	To include:				F
Unit 154	treated	area. The Assessor may	accurate measurement of dimensions				
		assist under direction of the					
4.4		candidate	Met ✓ Not Met X				Ш
		Note to the Assessor: An					
		area of bank/target of					

RITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	A	AND B	C	I E
	Calculate the area to be	Candidate to calculate the	to include:	1			-
Unit 154	treated	area	accurate calculation of area				
4.5		ļ	Met ✓ Not Met X			П	
	Calculate the quantities of	Candidate to calculate	To include:	\vdash	H		F
Unit 154	pesticide required	quantity required for the	amount of pesticide required for specified area				[
4.6		specified area calculated in 4.5	Met ✓ Not Met X			П	
	Measure/weigh the	Candidate to measure and	To include all of the following:	屵	H		F
Unit 154	required quantities and add	add quantities required for	correct selection and use of PPE/RPE (as				
5.1	to the applicator	the area specified in 4.5	required by the product label, COSHH/Risk				
3.1		Note: This may be a	Assessment) • suitable site selected				
		simulated pesticide product	add product following product recommendations				
		product	and approved procedures				
		<u> </u>	accurate measurement of pesticide product				
		<u> </u>	avoidance of spillage				
		<u> </u>	Met ✓ Not Met X				
Umit 454	Demonstrate safe and	The candidate is required to	To include:				
Unit 154	accurate application procedures	treat the area in 4.5 demonstrating safe and	bankside safety implemented				
5.2	F	accurate application	treatment area clearly identified walking aread maintained				
		procedures	 walking speed maintained accurate switching on/off points 				
			obstacles dealt with correctly (if applicable)				
			all of specified area treated				
		<u> </u>	awareness of changing weather conditions and				
		<u> </u>	appropriate action taken (if applicable)				
		<u> </u>	avoidance of off target application/contamination				
			Met ✓ Not Met X				L
linit 151	Carry out all activities	Note to the Assessor: The	To include:				
Unit 154	protecting human health and the environment	Assessor to be satisfied that the candidate has carried out	 prevention of personal injury and contamination through correct selection and use of PPE/RPE (as 				
5.3		all activities protecting human	required by the product information, COSHH/Risk				
		health and that of the environment	Assessment)				
			prevention of public/bystander contamination				
		<u> </u>	 safe filling procedure avoidance of off target application 				
			avoidance of our target application avoidance of over dosing/under dosing target				
		<u> </u>	minimising the impact on the aquatic environment				
		<u> </u>	Met ✓ Not Met X			П	I
	Complete a treatment	The candidate is required to	Completion of the treatment record must be:		屵		1
Unit 154	record	complete a treatment record.	accurate				
F 4		Note to the Assessor: the	legible (if handwritten)				
						П	ŀ
5.4		treatment record must be					1-
5.4		treatment record must be approved or if necessary supplied by the Assessor	Met ✓ Not Met X				
	State how to recover and	approved or if necessary supplied by the Assessor Candidate to explain one	Met ✓ Not Met X Explanation may include:				
5.4 Jnit 154	store surplus	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus	Met ✓ Not Met X Explanation may include: • careful return to packaging				
	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one	Met ✓ Not Met X Explanation may include: • careful return to packaging • return to temporary mobile store				
Jnit 154	store surplus pellets/granules and how	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules	Met ✓ Not Met X Explanation may include: • careful return to packaging • return to temporary mobile store • return to fixed store				
Jnit 154	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one	Met ✓ Not Met X Explanation may include: • careful return to packaging • return to temporary mobile store • return to fixed store Packaging:				
Jnit 154	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules	Met ✓ Not Met X Explanation may include:				
Jnit 154	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste	Met ✓ Not Met X Explanation may include: • careful return to packaging • return to temporary mobile store • return to fixed store Packaging: • thoroughly emptied • placed in secure storage until disposal				
Jnit 154	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste	Met ✓ Not Met X Explanation may include:				
Jnit 154	store surplus pellets/granules and how to dispose of waste material	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging	Met ✓ Not Met X Explanation may include:				
Jnit 154	store surplus pellets/granules and how to dispose of waste	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste	Met ✓ Not Met X Explanation may include:				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Met ✓ Not Met X Explanation may include:				
Jnit 154 6.1	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be	Met ✓ Not Met X Explanation may include:				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Explanation may include:				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Explanation may include: careful return to packaging return to temporary mobile store return to fixed store Packaging: thoroughly emptied placed in secure storage until disposal collected by a licensed waste disposal contractor Met ✓ Not Met X Explanation to include at least four of the following points: select and use correct PPE/RPE selection of an appropriate site for cleaning the applicator clean the applicator following product information				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Explanation may include:				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Explanation may include:				
Jnit 154 6.1 Jnit 154	store surplus pellets/granules and how to dispose of waste material Explain how to clean and decontaminate the	approved or if necessary supplied by the Assessor Candidate to explain one method of recovering surplus pesticide pellets/granules Candidate to explain one method of dealing with waste packaging Candidate to explain what factors that need to be considered when cleaning the	Explanation may include:				

CRITERIA	ASSESSMENT	ASSESSOR		ASSESSMENT	C	AND	IDA	ГΕ
NUMBER	CRITERIA	GUIDANCE		ACTIVITIES	Α	В	C	D
Unit 154	Describe the storage	Candidate to describe three	•	ensure the applicator is clean				
Unit 154	requirements for the applicator	factors to consider when storing the sprayer/applicator	•	inspect for wear or damage				
6.3	αρριισαίοι	Storing the opinyer/applicator	•	repair or notify supervisor if not within operators				
0.0				level of responsibility and ability				
			•	lubricate if required				
			•	store in a secure area				
			•	store under cover and out of direct sunlight				
				Met ✓ Not Met X				

Unit 155 - Installing Pesticide Plugs in Tree Stumps (PA6PP)

J 100		otaning i cotion	do i lago III 1100 c	, cai	po (. / to: .)						
Candidate	A	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	В	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	C	Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	D	Name:		Dat	te:	Start Time:	Dura	atior	1:		
CRITERIA NUMBER		ASSESSMENT CRITERIA	ASSESSOR GUIDANCE			SSESSMENT ACTIVITIES		C.	AND B	IDAT	ΓE
Unit 155	requi	ribe the legal rements relating to ling pesticide plugs	Candidate to describe two operator's obligations in terms of legal requirements	S	complies with leg comply with The (Sustainable Use the operator must certification for the	ds are in place and equipment gal requirements Plant Protection Products e) Regulations 2012 st hold the appropriate the equipment they are using					
			Candidate to state two leg requirements when applyir pesticides to or near water	ng		cide has aquatic approval ntal agency approval Met√ Not I	Met X				
Unit 155 1.2	pesti	ribe how to install cide plugs safely ving industry best ice	Describe one operator sate regulation in terms of installing pesticide plugs	fety	adopt industry bebe aware of any	ticide Codes of Practice est practice safety implications imposed sessment and comply with					
			Define the term to or near water Candidate to state four examples		May include the follow wet or dry ditche drainage channed streams rivers canals ponds lakes/lochs reservoirs and areas immed	es els					
			Describe two operator saf considerations in terms of using hand held pedestriar equipment in the aquatic environment	ĺ	 availability of a s 	ility before applying second person on site ring/rescue devices Met ✓ Not l	Met X				
Unit 155 2.1	envir	ify risks to the onment from installing cide plugs	Candidate to identify all relevant risks to the environment for the application site Candidate to state three		May include: water courses Tree Preservation are wildlife non-target speci- leaving hazardor housing public access	es us standing dead wood					
			additional risks to the aqua environment (unless alread covered elsewhere)		 water extraction de-oxygenation or removal of fish or removal of banks 	of water cover side wildlife habitat side vegetation leading to b					

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C	AND B	IDA.	TE
Unit 155 2.2	Explain how to minimise risks to the environment	Candidate to explain how to minimise the risks identified in 2.1	May include: • permission sought from appropriate regulatory body (if required) • use an appropriate pesticide • careful timing of application • check and maintain application rate • work in an upstream direction • check weather suitability before treatment • check downstream uses before treatment • seek environmental agency approval • exclude livestock Met ✓ Not Met X				
Unit 155	Read product information Interpret product information	The candidate is required to read and interpret the information on a product label and provide relevant	The following to be tested: product name active substance(s) (ingredient(s))				
Unit 155		information as requested by the Assessor Note to the Assessor: A product label is required. It is expected that the candidate	Important information: field of use crop/situation maximum individual dose				
		will provide the product label The label provided must be for a currently approved product and appropriate to the candidates normal work	 maximum total dose May include the following: specific product precautions/warnings 				
		Note to the Candidate (Assessor also to note): It is acceptable for key	 operator protection environmental protection restrictions on use Crop specific information: 				
		information on the label to be highlighted for use during the assessment	targetdose ratetiming				
			additional label information Met ✓ Not Met X				
Unit 155 4.1	Carry out pre use checks to the application equipment	Candidate to carry out all pre-use checks relevant to the application equipment being used for the assessment	May include: all required guards are in place and in good condition as stated in the operators manual (if applicable) battery sufficiently charged (if applicable) adequate fuel (if applicable) air filter clean and in good condition (if applicable)				
			 cooling fins clean/vents clean and clear (if applicable) drill bit securely fitted in chuck depth gauge secure and set correctly hammer head securely fitted to shaft (if applicable) 				
			any other checks specific to the equipment used Met ✓ Not Met X				
Unit 155 4.2	Measure the diameter of the tree or stump to be treated	Candidate to measure the diameter of the stump or standing tree to be treated	To include:				
Unit 155	Calculate the number of plugs required	Candidate to calculate the number of plugs required for	Met ✓ Not Met X To include: • accurate calculations				
4.3		the tree diameter in 4.2	Met ✓ Not Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	CA					
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	[
Unit 155	Demonstrate safe and accurate installation	Candidate to install a minimum of six pesticide	 correct selection and use of PPE (as required by the product label, COSHH/Risk Assessment) 						
5.1	procedures	plugs or sufficient to treat one tree	plugs installed at correct spacing						
5.1		nee	plugs installed in to the correct part of the stump/tree				[
			plugs installed to the correct depth						
			Met ✓ Not Met X		П		Г		
	Carry out all activities	Assessor to be satisfied that	To include:				F		
Unit 155	protecting human health	the candidate has carried out	prevention of personal injury and contamination						
5 2	and the environment	all activities protecting human health and the environment	through correct selection and use of PPE (as						
5.2		Treattri and the environment	required by the product information, COSHH/Risk Assessment)						
			prevention of public/bystander contamination						
			safe installation procedure						
			avoidance of non-target species application						
			avoidance of over dosing/under dosing						
							_		
		7	Met ✓ Not Met X	Ш	Ш	Ш	Ł		
Unit 155	Complete a treatment record	The candidate is required to complete a treatment record.	Completion of the treatment record must be: • accurate						
		Note to the Assessor: The							
5.3		treatment record must be	legible (if handwritten)				Ļ		
		approved by the Assessor (or	Met ✓ Not Met X	Ш	Ш	Ш	L		
		supplied by the Assessor if necessary)							
	State how to deal with	Candidate to explain one	Explanation may include:				+		
Unit 155	unused pesticide	method of dealing with	careful return to packaging						
	plugs and packaging	unused pesticide plugs and	return to temporary mobile store						
6.1		packaging	return to fixed store						
			packaging thoroughly emptied						
			placed in secure storage until disposal						
			collected by licence waste disposal contractor						
			Met ✓ Not Met X		П	П	r		
	State how to clean	Candidate to explain what	Explanation to include at least four of the following				ť		
Unit 155	application equipment	factors that need to be	points:						
		considered when cleaning the	select and use correct PPE						
6.2		application equipment	 selection of an appropriate site for cleaning the applicator 						
			 clean the applicator following product information and manufacturer's recommendations 						
			safe disposal of contaminated waste in an	l _		_			
			appropriate manner following good practice						
			safe procedures followed						
			Met ✓ Not Met X						
Unit 155	State how to store	Candidate to describe three	May include:						
OHIL 199	application equipment	factors to consider when storing the application	ensure the applicator is clean						
6.3		equipment	inspect for wear or damage						
			replace any worn or damaged parts						
			lubricate if required						
			store in a secure area						
			Met ✓ Not Met X				ĬΓ		

Unit 156 - Operating Hand held Pesticide Injection Equipment (PA6INJ)

					• •	,					
Candidate	A	Name:		Da	te:	Start Time:	Dura	ıtion	1:		
Candidate	В	Name:		Da	te:	Start Time:	Dura	ition	1:		
Candidate	C	Name:		Da	te:	Start Time:	Dura	ition	1:		
Candidate	D	Name:		Da	te:	Start Time:	Dura	ition	1:		
CRITERIA		ASSESSMENT	ASSESSOR		AS	SSESSMENT		C	AND	IDA	ſΕ
NUMBER		CRITERIA	GUIDANCE		Ä	ACTIVITIES		Α	В	С	D
Unit 156	requ appl	cribe the legal uirements relating to lying pesticides using ction equipment	Candidate to describe two operator's obligations in terms of legal requirement		(Sustainable Use	Plant Protection Products Regulations 2012					
1.1	ii ijoc	лоп очиртоп				st hold the appropriate ne equipment they are using	1				
			Candidate to state two leg requirements when applyir pesticides to or near water	ng	_ ·	cide has aquatic approval					
					GOOK GIIVII GIIIII GI						
						Met√ Not N	Met X	Ш		Ш	Ш
		cribe how to inject	Candidate to describe on		May include:						
Unit 156		cicides safely following stry best practice	operator safety regulation terms of using pesticide	ın	 comply with Pes 	ticide Codes of Practice					
1.2	IIIdu	Stry best practice	injection equipment		 adopt industry be 						
						safety implications imposed sessment and comply with t					
			Candidate to describe the		May include:						
			method for injecting the ta	rget	injection site on injection site of sit	plant/target					
					growth stage						
					time of year						
					-	to avoid misses/overdosing					
			Define the term to or near		May include the follow	ving:					
			water		 wet or dry ditche 	S					
			Candidate to state four		 drainage channe 	els					
			examples		 streams 						
					rivers						
					canals						
					ponds						
					 lakes/lochs 						
					 reservoirs 						
					 and areas immed 	diately adjacent					
			Describe two operator sa	fety	May include:						
			considerations in terms of		 check bank stab 	ility before applying					
			using hand held pedestrial equipment in the aquatic	n	 availability of a s 	econd person on site					
			environment		 availability of life 	ring/rescue devices					
						Met ✓ Not N	Met X				
	ldon	tifu rialsa ta tha	Condidate to identify all		May include the follow		not A	屵			닏
Unit 156		itify risks to the ronment	Candidate to identify all relevant risks to the		May include the follow	ving.					
	0		environment for the		water courses						
2.1			application site		drains						
					boreholes apvironmental m	orgina/atrina/araga					
					environmental mwildlife	argins/strips/areas					
					non-target plants						
					conservation are						
					_	us standing dead wood					
					sensitive crops/ahedgerows	11000					
					ougo.ou.o						
Continued					housing						
	l		1		 public access 				l ⊔ l		ΙШ

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	A	AND B	IDA ⁻	TE D
NOWIDER	CRITERIA	Candidate to state three					
Cont		additional risks to the aquatic	livestock drinking points recreational use of water body/course				
		environment (unless already	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Unit 156		covered elsewhere)	water extraction points				
2.1			de-oxygenation of water				
2.1			removal of fish cover				
			removal of bankside wildlife habitat				
			removal of bankside vegetation leading to bank				
			erosion				
			other risks particular to the site		Ш		
			Met ✓ Not Met X				
	Explain how to minimise	Candidate to explain how to	May include:				
Unit 156	risks to the environment	minimise the risks identified	suitable mixing/filling site chosen				
2.2		in 2.1	permission sought from appropriate regulatory				
2.2			body (if required)				
			use an appropriate pesticide(minimal				
			environmental impact)				
			careful timing of application				
			check and maintain application rate				
			erect warning signs				
			 notify neighbours before application 				
			work in an upstream direction				
			check weather suitability before treatment				
			check downstream uses before treatment				
			seek environmental agency approval				
			exclude livestock				
			Met ✓ Not Met X				
				Ш	Ш	Ш	닏
Unit 156	Read product information	The candidate is required to	The following to be tested:		_	_	
Unit 156	Interpret product	read and interpret the information on a product label	product name				
3.1	information	and provide relevant	 active substance(s) (ingredient(s)) 				
		information as requested by	Important information:				
Unit 156		the Assessor	field of use				
		Note to the Assessor: A	target				
3.2		product label is required. It is	maximum individual dose				
		expected that the candidate	maximum total dose				
		will provide the product label	Thaximum total dosc				
		The label provided must be	May include the following:				
		for a currently approved	specific product precautions/warnings				
		product and appropriate to	operator protection				
		the candidates normal work	environmental protection				
		situation	restrictions on use				
		Note to the Candidate	Crop specific information:				
		(Assessor also to note): It is	target				
		acceptable for key information on the label to be	dose rate				
		highlighted for use during the	dilution rate if applicable				
		assessment	timing				
			uning				
			Mixing and spraying:				
			filling				
			additional label information		П		
			Met ✓ Not Met X	Ш	Ш	Ш	Ш
	Identify and select	Candidate to identify and	May include:				
Unit 156	equipment according to	explain the use of two types	long needle for initial treatment or thicker stems				
4.4	application requirements	of needle (if applicable)	short needle for repeat treatment or thinner				
4.1		Note to the Assessor: One	stems				
		of these should be the needle	Met ✓ Not Met X				
		intended for use (if					
		applicable)		1			ĺ

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT			IDAT	
NUMBER	CRITERIA Carry out pre use checks	GUIDANCE Candidate to carry out all	ACTIVITIES Applicator components to be inspected for	Α	В	С	D
Unit 156	to the applicator	pre-use checks relevant to	serviceability and contamination that may include:				
		the applicator being used for	tank/bottle/container				
4.2		the assessment	• lid				
			filters				
			• hoses				
			• connections				
			• seals				
			• on/off control				
			• straps				
			To include:				
			applicator checked for leaks				
			any problems identified to be rectified if within				
			operators level of responsibility and ability condition confirmed as suitable for operation				
			condition committee as suitable for operation				
		Fit the required needle for	To include:				
		use (if applicable)	suitable needle selected				
			needle fitted correctly				
		Candidate to check needle	To include:				
		condition	needle undamaged				
			Met ✓ Not Met X				
	Calibrate the applicator	The candidate is required to	Calibration to include:			F	
Unit 156		calibrate the applicator and	delivery rate checked against applicator setting				
4.3		record relevant data	and required volume				
4.5		Candidate to record relevant	Calibration data may include:				
		calibration data	applicator used				
			needle fitted				
			applicator setting				
			pesticide used				
			Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 156	Calculate quantities required	Candidate to calculate quantities required for the	May include:				
Oint 130	required	targets to be treated and a	 amount of water required for specified targets amount of pesticide required for specified targets 				
4.4		full tank/bottle/container	amount of pesticide required for full				
			tank/bottle/container				
			Met ✓ Not Met X				
	Measure the pesticide, mix	Candidate to measure and	To include all of the following;			F	
Unit 156	with water and fill the	add quantities required for	correct selection and use of PPE (as required by				
5.1	applicator and/or attach pesticide container	the area specified in 4.4	the product information and/or COSHH				
3.1	pediolee container	Note: This may be a	Assessment) suitable site selected				
		simulated pesticide	observance of pesticide manufacturers				
		product supplied by the Assessor	instructions for mixing				
			correct use of water supply				
			accurate measurement of water				
			accurate measurement of pesticide				
			avoidance of spillage and/or				
			attach pesticide container				
			Met ✓ Not Met X				
	Demonstrate safe and	The candidate is required to	To include:			屵	
Unit 156	accurate injection	treat the targets in 4.4	targets clearly identified				
	procedures	demonstrating safe and	targets treated avoiding misses and overdosing				
5.2		accurate injection procedures	awareness of changing weather conditions and				
			appropriate action taken (if applicable)				
			Met ✓ Not Met X				
		l				二	

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND		
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 156 5.3	Carry out all activities protecting human health and the environment	Note to the Assessor: The Assessor to be satisfied that the candidate has carried out all activities protecting human health and that of the environment	To include: • prevention of personal injury and contamination through correct selection and use of PPE (as required by the product information, COSHH/ Risk Assessment) • prevention of public/bystander contamination • safe filling procedure • avoidance of off target application/contamination • avoidance of over dosing/under dosing target/plant material				
	Complete a treatment	The candidate is required to	Completion of the treatment record must be:	Ш	Ш		屵
Unit 156 5.4	record	Note to the Assessor: The treatment record must be approved by the Assessor if necessary)	accurate legible (if handwritten) Met ✓ Not Met X				
Unit 156 6.1	Explain how to manage surplus pesticide and dispose of waste material	Candidate to explain one method of managing surplus concentrate pesticide	Explanation may include: return to temporary mobile store return to fixed store				
		Candidate to explain one method of dealing with waste containers and packaging	Containers: triple rinsed if applicable placed in secure storage until disposal returned to supplier collected by a licensed waste disposal contractor packaging thoroughly emptied placed in secure storage until disposal				
		Candidate to explain two methods of managing surplus dilute pesticides (if applicable)	Explanation may include: use on another approved target treated by specialist treatment facility on site (e.g. a lined bio bed) collected by a licensed waste disposal contractor				
	Fundain haveta alaan tha	Condidate to explain form	Met ✓ Not Met X	Ш	Ш	Ш	닏
Unit 156 6.2	Explain how to clean the injection equipment	Candidate to explain four factors that need to be considered when cleaning the injection equipment	May include:				
			thorough flushing of system safe disposal of contaminated washings in an appropriate manner following good practice safe procedures followed				
			Met ✓ Not Met X	Ш	Ш	Ш	빋
Unit 156 6.3	Explain how to store the injection equipment	Candidate to describe three factors to consider when storing the injection equipment	May include: ensure the injection equipment is clean and dry inspect for wear or damage repair or notify supervisor if not within operators level of responsibility and ability lubricate if required needle covered/removed to protect operator store in a secure area				
			store under cover and out of direct sunlight Met ✓ Not Met X				

Unit 157 - Operating other Hand Held Applicators Requiring Minimal Calibration (PA6MC)

Candidate	A	Name:		Da	te:	Start Time:	Dura	ation	1:		
Candidate	В	Name:		Da	te:	Start Time:	Dura	ation	1:		
Candidate	С	Name:		Da	te:	Start Time:	Dura	ation	1:		
Candidate	D	Name:		Da	te:	Start Time:	Dura	ation	1:		
CRITERIA NUMBER		ASSESSMENT CRITERIA	ASSESSOR GUIDANCE		1	SSESSMENT ACTIVITIES		C/A	AND B	IDA ¹	TE D
Unit 157	requi	cribe the legal irements relating to ying pesticides using	Candidate to describe one operator's obligation in terr of legal requirements	-		The Plant Protection Pro Use) Regulations 2012	oducts				
1.1	Hanu	I held equipment				must hold the appropriation the equipment they a					
			Candidate to state two leg requirements when applyir pesticides to or near water	ng		cide has aquatic approva					
	Dasc	cribe how to apply	Candidate to describe on	•	May include;	Met√ N	ot Met X	\vdash	Ш	Ш	Ш
Unit 157 1.2	pesti hand follov	icides safely using I held equipment wing industry best	operator safety regulation terms of using hand held pedestrian equipment		comply with Pesadopt industry b	•	and by				
	pract	tice				safety implications impo sessment and comply w					
			Candidate to describe the differences in technique fo overall treatment and spot treatment (if applicable) Three required for each technique	r	 consistent nozzl accurate on/off p matching of bou avoidance of off 	ng speed to maintain constant pre height points ts target application	essure				
						e nozzle litable height der/over dosing target application					
			Define the term to or near water Candidate to state four examples		May include the follow wet or dry ditche drainage channe streams rivers canals ponds lakes/lochs reservoirs and areas imme	es els					
			Describe two operator sal considerations in terms of using hand held pedestriar equipment in the aquatic environment	Í	availability of a s	ility before applying second person on site ring/rescue devices Met ✓ N	ot Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDAT	TE D
HOMBER	Identify risks to the	Candidate to identify all	May include the following:		D		
Unit 157	environment	relevant risks to the	ground conditions				
0.4		environment for the	water courses				
2.1		application site	drains				
			• boreholes				
			environmental margins/strips/areas				
			wildlife				
			non-targets				
			sensitive crops/areas				
			hedgerows				
			housing				
			public access				
		One distants to state there.			_		
		Candidate to state three additional risks to the aquatic	livestock drinking points				
		environment (unless already	recreational use of water body/course				
		covered elsewhere)	water extraction points				
			de-oxygenation of water				
			removal of fish cover				
			removal of bankside wildlife habitat				
			removal of bankside vegetation leading to bank erosion				
			other risks specific to the site				
			Met ✓ Not Met X	Ш	Ш	Щ	LL.
Unit 157	Explain how to minimise risks to the environment	Candidate to explain how to minimise the risks identified	Explanation to include the following points:				
Olik 137	nisks to the environment	in 2.1	use of an appropriate pesticide(minimal environmental impact)				
2.2			careful timing of application				
			check and maintain application rate				
			avoid spray drift				
			avoid spray drift avoid off target application				
			observe buffer zones				
			erect warning signs				
			 notify neighbours before application 				
			work in an upstream direction				
			check weather suitability before treatment				
			check downstream uses before treatment				
			seek environmental agency approval				
			exclude livestock				
		Candidate to check and comment on wind speed and	 use of anemometer at suitable height or visible signs 				
		direction	wind direction				
			wind direction				
		Candidate to state the	avoidance of contamination to people and the				
		reason for minimising off	environment				
		target application and spray drift					
		Candidate to state five	May include:				
		factors that may affect spray drift (if applicable)	weather conditions				
		diff (ii applicable)	direction of spraying				
			nozzle type and size (if applicable)				
			pressure (if applicable)				
			• disc type				
			• disc speed				
1			nozzle/disc height				
1			• forward speed				
			defective equipment				
		Candidate to state two	May include:				
1		factors that may affect off	wick too low				
		target application (if applicable)	wick over saturated and dripping				
			Met ✓ Not Met X				
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CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA ¹	ΓE
HOMBER	Read product information	The candidate is required to	To include the following:		-	C	
Unit 157	·	read and interpret the	product name				
3.1	Interpret product information	information on a product label and provide relevant	active substance(s) (ingredient(s))				
		information as requested by	Important information:				
Unit 157		the Assessor	field of use				
3.2		Note to the Assessor: A	crop/target				
5.2		product label is required. It is	maximum individual dose				
		expected that the candidate will provide the product label.	maximum total dose				
		The label provided must be for a currently approved	maximum number of treatments				
		product and appropriate to	May include the following:				
		the candidates normal work	specific product precautions/warnings				
		situation	operator protection				
		Note to the Candidate	environmental protection				
		(Assessor also to note): It is	restrictions on use				
		acceptable for key					
		information on the label to be highlighted for use during the	Crop specific information:			_	
		assessment	crop/target				
			dose rate				
			water volume				
			• timing				
			Mixing and spraying:				
			• filling				
			recommended nozzles				
			recommended pressure				
			spray quality				
			additional label information				
			compatibility				
	Corry out pro uso shooks	Condidate to sarry out all	Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 157	Carry out pre use checks to the applicator	Candidate to carry out all pre-use checks relevant to	May include: sprayer/applicator de-pressurised				
		the sprayer/applicator being	sprayer/applicator de-pressurised				
4.1		used for the assessment	Sprayer/applicator components to be inspected for serviceability and contamination that may include:				
			tank/container				
			• wick	Ιп			П
			• lid				
			• filters				
			• hoses				
			connections				
			• seals				
			on/off control				
			• lance				
			• straps				
			bristles				
			pump (if accessible)				
			batteries (if applicable)				
			engine (if applicable)				
		Candidate to part fill the	May include:				
		applicator and check for	applicator checked for leaks under pressure				
		satisfactory operation	any problems identified to be rectified if within				_
			operators level of responsibility and ability				
			condition confirmed as suitable for operation				
			Met ✓ Not Met X				
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Unit 157 4.3 Unit 157 4.5 Unit 157 4.5 Unit 157 4.6 Unit 157 4.7 Unit 157 4.7 Unit 157 4.7 Unit 157 4.7 Unit 157 4.8 Unit 157 4.8 Unit 157 4.8 Unit 157 4.9 Unit 157 4.5 Unit 157 5.1 Unit 157 5.2 Unit 157 5.3 Unit 157 5.4 Unit 157 5.4 Unit 157 5.5 Unit 157 5.6 Unit 157 5.7 Unit 157 5.8 Unit 157 5.8 Unit 157 5.9 Unit 157 5.9 Unit 157 5.0 Un	CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND		
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awareness of changing weather conditions and appropriate action taken (if applicable)				1				
appropriate action taken (if applicable)								

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES		AND B	IDA ⁻	TE
NOWIDER	Carry out all activities	Note to the Assessor: The	To include:	Α	D	C	שׁ
Unit 157 5.3	protecting human health and the environment	Assessor to be satisfied that the candidate has carried out all activities protecting human health and that of the environment	prevention of personal injury and contamination through correct selection and use of PPE (as required by the product information, COSHH/Risk Assessment)				
		environment	prevention of public/bystander contamination				
			safe filling procedure				
			avoidance of off target application				
			 avoidance of over dosing/under dosing crop/target/plant material 				
			Met ✓ Not Met X				
	Complete a treatment	The candidate is required to	Completion of the treatment record must be:	Ш		닏	屵
Unit 157	record	complete a treatment record	accurate				
- 4		Note to the Assessment	legible (if handwritten)				
5.4		Note to the Assessor: the treatment record must be	Met ✓ Not Met X				
		approved or if necessary	Met v Not Met x	Н	Ш	Ш	
		supplied by the Assessor					
Unit 157	Explain how to manage	Candidate to explain one	Explanation may include:		_	_	
Unit 157	surplus pesticide and dispose of waste material	method of managing surplus concentrate pesticide	return to temporary mobile store				
6.1			return to fixed store				
		Candidate to explain one	Containers:				
		method of dealing with waste	triple rinsed				
		containers or packaging	placed in secure storage until disposal				
			returned to supplier				
			collected by licensed waste contractor				
			Packaging:				
			thoroughly emptied				
			placed in secure storage until disposal				
			collected by licensed waste disposal contractor				
		Candidate to explain two	Explanation may include:				
		methods of managing surplus dilute pesticides	back on to area/target as long as it is below the maximum dose rate				
		'	use on another approved area/target				
			 treated by specialist treatment facility on site (e.g. 				
			a lined bio bed)				
			collected by a licensed waste disposal contractor				
			Met ✓ Not Met X				
	Explain how to clean and	Candidate to explain four	May include:				
Unit 157	decontaminate the applicator	factors that need to be considered when cleaning the	select and use correct PPE				
6.2		applicator	 selection of an appropriate site for cleaning the applicator 				
			triple rinse the applicator following product				
			information recommendations				
			 through flushing of system safe disposal of contaminated washings in an 				
			appropriate manner following good practice				
			safe procedures followed				
			Met ✓ Not Met X				
	Describe the storage	Candidate to describe three	May include:				+
Unit 157	requirements for the	factors to consider when	de-pressurisation				
6.3	applicator	storing the sprayer/applicator	ensure the sprayer/applicator is clean and dry				
0.5			inspect for wear or damage				
			replace any worn or damaged parts				
			lubricate if required				
			frost protection measures implemented store securely				
			 store securely store under cover and out of direct sunlight 				
			Met ✓ Not Met X	Ш	Ш	Ш	

Su	mmary of Assessment (The Assessor is to complete the following	ng as ap	propriate)

А	Candidate has met all of the assessment criteria	Tick ✓	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick ✓						
Candidate										
	Signed: Date:									
Candidate B	Candidate has met all of the assessment criteria	Tick ✓	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick ✓						
	Signed: D	Date:								
Candidate C	Candidate has met all of the assessment criteria	Tick ✓	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick ✓						
Ca	Signed: D	ate:								
Candidate D	Candidate has met all of the assessment criteria	Tick ✓	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick ✓						
S	Signed:	Date:								
For use by Internal Verifier ONLY if the assessment process was internally verified (Internal Verifier to complete ONE of the boxes below)										
I observed an assessment process taking place and I am satisfied that the assessment was conducted in line with the qualification requirements.										
I observed an assessment process taking place. The following were noted as areas of concern.										
Signed: Date:										