# CITY & GUILDS LEVEL 2 AWARD IN THE SAFE MIXING AND TRANSFERRING OF PESTICIDES (PA8) 601/5147/X



## **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)

Group No	0 2 1 6	Pesticides
Qualification Programme No	0 2 1 6 - 5 6	L2 Award in the Safe Mixing and Transferring of Pesticides (PA8) (Y/505/7758)
Unit(s)	1 7 1	Mixing and Transferring Pesticides
Guided Learning Hours (GLH)	1 7 1	GLH 28 (Credit Value 3)
Total Qualification Time (TQT)		30 Hours
Recommended Assessment Duration		1.5 – 2.5 hours per Candidate
Pre-Requisite Units	1 0 1	Principles of Safe Handling and Application of Pesticides (PA1)

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

# City & Guilds Level 2 Award in the Safe Mixing and Transferring of Pesticides (PA8) 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 one compulsory unit:

Unit 171 (PA8) (Mandatory) (Credit Value 3)

Outcome 1. Know the legislative and safety regulations relating to mixing and transferring pesticides (Criteria 1.1 – 1.2)

Be able to assess the environmental factors relating to the mixing and transferring site (Criteria 2.1 – 2.2)

Be able to read and interpret product information (Criteria 3.1 – 3.2)

Outcome 4. Be able to prepare the mixing and transferring equipment (Criteria 4.1 – 4.2)
Be able to operate the mixing and transferring equipment (Criteria 5.1 – 5.5)
Cutcome 6. Know how to carry out post-operational procedures (Criteria 6.1 – 6.3)

Candidates must successfully achieve all assessment activities in the above unit.

#### 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

Published by City & Guilds Building 500 Abbey Park Stareton Warwickshire CV8 2LY

T +44 (0)24 7685 7300 F +44 (0)24 7669 6128

www.nptc.org.uk

e-mail: information@cityandguilds.com

# **Unit 171 – Mixing and Transferring Pesticides**

Candidate A		Name:		Date	e:	Start Time:	Dura	ation:			
Candidate	В	Name:		Date:		Start Time:	Dura	atior	):		
Candidate C Name:			Dat	e:	Start Time:	Dura	Duration:				
Candidate	D	Name:		Dat	e:	Start Time:	Dura	ation	<b>)</b> :		
CRITERIA NUMBER		ASSESSMENT CRITERIA	ASSESSOR GUIDANCE		A	ASSESSMENT ACTIVITIES		C.	AND B	IDA <sup>*</sup>	TE D
Unit 171	requ mixi	cribe the legal uirements relating to ing and transferring ticides	Candidate to describe two operator's obligations in terms of legal requirement	s	<ul><li>complies with le</li><li>comply with all</li></ul>	ards are in place and equipmegal requirements	ons				
					highway  comply with Th	g or transporting on the public e Plant Protection Products se) Regulations 2012	C				
					• the operator m	ust hold the appropriate the equipment they are usin	ŭ				
	Des	cribe how to mix and	Candidate to describe on	Α .	May include:	Met√ Not	Met X	Ш		Ш	Ш
Unit 171 1.2	tran follo	sfer pesticides by best cotice	operator safety regulation terms of using mixing and transferring equipment	in	<ul><li>comply with Pe</li><li>adopt industry</li></ul>	· ·	al lev .				
						y safety implications impose ssessment and comply with					
			Candidate to <b>state three</b> considerations for safe driving on a public highway	у	<ul><li>travelling at hig</li><li>valves secured</li></ul>	securely stowed ecurely stowed					
	lder	ntify risks to the	Candidate to identify all		May include:	Met ✓ Not	Met X	Ш		Ш	Ш
Unit 171 2.1		ironment	relevant risks to the environment for the application site		<ul> <li>ground condition</li> <li>water courses</li> <li>environmental</li> <li>drains</li> <li>boreholes</li> <li>wildlife</li> <li>sensitive crops</li> <li>hedgerows</li> <li>housing</li> <li>public access</li> </ul>	margins/strips/areas	Met X				
Unit 171		lain how to minimise s to the environment	Candidate to <b>explain</b> how minimise the risks identifie	۱.	May include:  • suitable mixing	/ transfer site					
2.2			in <b>2.1</b>		<ul> <li>safe filling proc</li> <li>safe transfer procontainment of</li> <li>safe storage of</li> </ul>	edure rocedure spillage pesticide					
						Met ✓ Not	Met X		Ш	Ш	

Unit 171 3.1 Unit 171 3.2  Interpret product information free product previous freed and information as product label is required. It read and information is required the information as required by the Assessor A product label is required, tile operation of the candicidate by the Assessor A product label is required, tile operation of the candicidate by the Assessor A product label is required. It is operated information or product previous and paper of product label is required. It is operated product prevailed by the Assessor A product label is required. It is operated product and appropriate to the candicidate by the Candidate of the Candida	CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDAT	TE D
Interpret product information on a product table and provider relevant information as requised by the Accessory A products table and provider relevant information as requised by the Accessory A products table as required. It is will provide the product table to the Assessor A. The label provided must be for a currently approved by the conditions of the Candidate (Assessor also to note). It is acceptable for to use during the assessment assessment.    Identity the equipment components and controls assessment   Candidate (Assessor also to note). It is acceptable for to use during the assessment   Candidate (Assessor also to note). It is acceptable for to use during the assessment   Candidate (Assessor also to note). It is acceptable for to use during the assessment   Candidate to identify all components and controls   Candidate to identify all components   Candidate to identify all compone	11mit 474	Read product information						
Unit 171 3.2  Information and provide relevant. Information information in expense of the information in expense of the information in expense of the information in the candidate in the candidate. The label provided must be for a currently approved product and appropriate in the candidate in th	Unit 171	Interpret product		1			I	
Section   Sect	3.1	information						
Note to the Assessor.   Proceeds table is regained. It is exponent to the product Intelligence for a cumerby approved must be for a cumerby approved for the candidates normal work, situation   Note to the Candidate   Specific product pressure for the candidates normal work, situation   Note to the Candidates normal work, situation   Note to the Candidate   Assessor at the necessary   Specific product pressure information   Property information   Propert	Unit 171			· ·				
Interpret instructions from the sprayer of parable is required. It is opposed that the candidate will provide the product able to provide table for a currently approved product and appropriate to the candidate (Assessor also to note) it is acceptable for key information or the bath to be assessment and cortrols ass			Note to the Assessor: A					
Specific product precautions/warnings	3.2							
The label provided must be for a currently approved product and appropriate to situation.  Note to the Candidate (Assessor also note): it is information to note): it is information on the label to be highligherted for use during the assessment.    Main 171								
Unit 171 4.1  Unit 171 Carry our pre-use and operational checks to the equipment of equipment expenses to the equipment of equipment expenses to the equipment of equipment of equipment expenses to the equipment of equipment expensions of equipment of equipment expensions of equipment of equipment expensions of equ					l			
Top specific information:   Note to the Candidates normal work situation on the labet to be highlighted for key information on the labet to be highlighted for key information on the labet to be highlighted for use during the assessment				1				
Note to the Candidate (Assessor also note): It is acceptable for key sharp the highlighted for use during the assessment				'				
Note to the Candidate (Assessor also to note): It is acceptable for key about to be highlighted for use during the assessment			situation					
Candidate to ledentify all components and controls relating to the equipment components and controls relating to the equipment being used for the assessment			Note to the Candidate					
Information on the label to be highlighted for use during the assessment								
May include:   Carry out pre-use and operational checks to the equipment of check to the equipment of companions (Check sacurity of attachment of equipment mechanisms of equipment influence of the following appropriate method in the equipment of checks to the equipment of check to the equipment of equipment of the equipment of check to the equipment of equipment of								
Unit 171 4.1  Unit 171 Carry out pre-use and operational checks to the equipment equipment Check to the equipment of equipment morbanisms  Check to the equipment of equipment of equipment morbanisms  Check security of attachment of equipment morbanisms  Remove, clean and refit a filter  Part fill equipment  Unit 171 Lint 171				_				
Unit 171 4.1  Unit 171 4.1  Carry out pre-use and controls clearly in equipment equipment corrections of the equipment being used for the assessment  Unit 171 4.2  Carry out pre-use and controls  Check for mechanical defects  Check that the equipment is lubricated correctity  Check that the equipment of equipment is filter  Check security of attachment of equipment mechanisms  Remove, clean and refit a filter  Part fill equipment  Unit 171  In the pret instructions from the prevent of the prevalure operator  Unit 171  In the pret instructions from the prevalure of perator  Unit 171  Unit 171  Check for mechanical defects  Check has the equipment of equipment is lubrication of interpret instructions from sprayer operator  Unit 171  Unit 171  In the pret instructions from the sprayer operator  Unit 171  Unit 171  Unit 171  Unit 171  In the pret instructions from perators  Unit 171  Unit 171  In the pret instructions from perators  Unit 171  In the pret instructions from perator  Unit 171  Unit			assessment	1			I	
Unit 171 4.1  Unit 171 4.1  Unit 171 A.1  Unit 171 A.1  Unit 171 A.1  Unit 171 A.1  Unit 171 A.2  Unit 171 A.3  Unit 171 A.4  Unit 171 A.5  Un					l		I	
Unit 171 4.1  Identify the equipment components and controls relating to the equipment assessment  Identify the equipment components and controls relating to the equipment assessment  Identify the equipment components and controls relating to the equipment assessment  Identify the equipment components and controls relating to the equipment assessment  Identify the equipment components and controls relating to the equipment assessment  Identify the equipment components and controls relating to the control and devices  Identification control and devices  Identification control and devices  Identification control and devices  Identification of the following as applicable to the equipment equipment  Identification of lubrication points  Interpret instructions from from the sprayer operator  Identification of lubrication points  Identification of lubrication po								
Components and controls   Components and controls   Components and controls   Components   Com		Identify the equipment	Candidate to identify all				屵	H
### Desing used for the assessment   Desing used for the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applicable to the equipment   Desing used of the following as applica	Unit 171		components and controls	•				
assessment    assessment   asse	4.1			• pump				
Part fill equipment	7.1							
Carry out pre-use and operational checks to the equipment   Check for mechanical defects   Check that the equipment   Check security of attachment of equipment mechanisms   Carry out pre-use and operational checks to the equipment   Check security of attachment of equipment mechanisms   Check security of attachment of equipment mechanisms   Check for defects   Check security of attachment of equipment   Cardidate to:    Part fill equipment   Part fill equipment   Part fill equipment   Cardidate to interpret instructions from the sprayer operator   Cardidate to interpret instructions from the sprayer operator   Cardidate to interpret instructions from tark drain   Carry out pre-use and operational checks to the equipment   Check for mechanical defects   Check for mechanical defects   Check that the equipment is lubricated correctly   Seized, worn or damaged controls/components   Check security of attachment of equipment mechanisms   Seized, worn or damaged controls/components   Check security of attachment of equipment is lubricated or flubrication points   Check security of attachment of equipment mechanisms   Seized, worn or damaged controls/components   Check security of attachment of equipment is substance to flubrication points   Seized, worn or damaged controls/components   Check for defects   Seized, worn or damaged controls/components   Seized, worn or damaged c				1				
Carry out pre-use and operational checks to the equipment   Check for mechanical defects   Check that the equipment is lubricated correctly   Check security of attachment of equipment mechanisms   Check for defects   Check for defects   Candidate to carry out all pre-use and operational checks to the equipment   Check for defects   Check that the equipment is lubricated correctly   Check for mechanisms   Check that the equipment is lubricated correctly   Check for mechanisms   Check that the equipment of equipment mechanisms   Check that the equipment is lubricated correctly   Check security of attachment of equipment mechanisms   Check security of attachment of equipment mechanisms   Check for defects   Candidate to:    Remove, clean and refit a filter   Part fill equipment   Candidate to:   Part fill equipment   Suitable site selected   Candidate to:   Interpret instructions from the sprayer operator   Candidate to:   Interpret instructions from sprayer operator   Candidate to:   Interpret instructions from sprayer operator   Candidate to:   Interpret instructions from sprayer operator operator   Candidate to:   Interpret instructions from sprayer operator   Candidate to:   Interpret instructions from sprayer operator operator   Candidate to:   Interpret instructions from sprayer operator   Candidate to:   Interpret instructions from sprayer operato								
Lank wash system								
Unit 171 4.2  Carry out pre-use and operational checks to the equipment  Check for mechanical defects Check security of attachment of equipment mechanisms  Check security of attachment of equipment mechanisms  Check security of attachment of equipment mechanisms  Remove, clean and refit a filter  Part fill equipment  Check or mechanical defects  Check security of attachment of equipment of equipment is lubricated correctly  Check security of attachment of equipment mechanisms  Check security of attachment of equipment of lubrication points  Visual inspection of lubricatio								
Unit 171 4.2  Carry out pre-use and operational checks to the equipment  Check for mechanical defects  Check that the equipment is lubricated correctly  Check security of attachment of equipment mechanisms  Check security of attachment of equipment affilter  Check security of attachment of equipment mechanisms  Check security of attachment of iubrication points  Stagal applicable to indentification of lubrication points  Stagal applicable  Stagal applicable				clean water tank				
Unit 171 4.2  Carry out pre-use and operational checks to the equipment  Check for mechanical defects  Check that the equipment is lubricated correctly  Check security of attachment of equipment mechanisms  Check security of attachment of equipment mechanisms  Check security of attachment of equipment mechanisms  Remove, clean and refit a filter  Part fill equipment  Part fill equipment  Interpret instructions from the sprayer operator  Large instructions from sprayer operator  Large instructions from sprayer operator  Cardidate to carry out pre-use and operational checks to the equipment the equipment of the following as applicable to the equipment:  Amay include all/some of the following as applicable to the equipment:  by seized, worn or damaged controls/components  cidentification of lubrication points  cidentification of correct instructions  cidentification of correct instructions								
Unit 171 4.2  Carry out pre-use and operational checks to the equipment  Check for mechanical defects  Check that the equipment is lubricated correctly  Check security of attachment of equipment mechanisms  Remove, clean and refit a filter  Remove, clean and refit a filter  Part fill equipment  Carry out pre-use and operational checks to the equipment the equipment is lubrication of lubrication points  in dentification points  in dentificatio						П		
Unit 171 4.2    Operational checks to the equipment   Check for mechanical defects   Check for mechanical defects   Check that the equipment is lubricated correctly   Other is defects   Other is lubricated correctly   Other is defects   Other is defects   Other is lubricated correctly   Other is defects   Other is defected   Other is defects   Other is				Met ✓ Not Met X				
Check that the equipment is lubricated correctly  Check that the equipment is lubricated correctly  Check security of attachment of equipment mechanisms  Check security of attachment of equipment explain is straps inspected and adjusted if necessary or drawbar pin secured (if applicable)  Candidate to:  Temove and clean using appropriate method  Contain spillage  Check for defects  Teffit  Interpret instructions from the sprayer operator  Candidate to interpret instructions from sprayer operator  To include:  Interpret instructions  Interpret instructions  Interpret instructions  Interpret instructions from sprayer operator  Interpret instructions from sprayer operator  To include:  Interpret interpret instructions  Interpret instructions from sprayer operator  Candidate to interpret instructions  Interpret instructions from sprayer operator  Candidate to interpret instructions  Interpret instructions from sprayer operator  Interpret instructions from sprayer operator  Interpret instructions from sprayer operator  Interpret instructions from sprayer operator of interpret interpretation of instructions  Interpret instructions from sprayer operator of interpret interpretation of instructions  Interpret instructions from sprayer operator of interpret interpretation of instructions  Interpret instructions from sprayer operator	Unit 171	operational checks to the	pre-use and operational					
lubricated correctly    Visual inspection of lubrication points	4.2			seized, worn or damaged controls/components				
Check security of attachment of equipment mechanisms  Check security of attachment of equipment mechanisms  Remove, clean and refit a filter  Remove, clean and refit a filter  Candidate to:  remove and clean using appropriate method contain spillage check for defects refit  Part fill equipment  Part fill equipment  Candidate to interpret instructions from the sprayer operator  Candidate to interpret instructions correct interpretation of instructions correct interpretation of instructions correct interpretation of instructions correct interpretation of instructions								
Check security of attachment of equipment mechanisms			iubricated correctly	·	l			
of equipment mechanisms  ■ straps inspected and adjusted if necessary ■ drawbar pin secured (if applicable) ■ Candidate to: ■ remove and clean using appropriate method ■ contain spillage ■ check for defects ■ refit ■ suitable site selected ■ fill by usual on-site method, following approved procedures ■ clean water supply ■ Met ✓ Not Met X ■ Districtions from the sprayer operator ■ Interpret instructions from sprayer operator ■ Candidate to interpret instructions ■ correct instructions				visual inspection of levels (if applicable)				
Remove, clean and refit a filter				fasteners tight				
Remove, clean and refit a filter    Candidate to:   remove and clean using appropriate method			of equipment mechanisms					
## Filter				drawbar pin secured (if applicable)				
• contain spillage • check for defects • refit  Part fill equipment  • suitable site selected • fill by usual on-site method, following approved procedures • clean water supply  Met ✓ Not Met X  Unit 171  Interpret instructions from the sprayer operator  Unit 171  5.1  To include: • correct instructions				Candidate to:				
• check for defects • refit  • refit  • suitable site selected • fill by usual on-site method, following approved procedures • clean water supply  Unit 171  Interpret instructions from the sprayer operator  Interpret instructions from sprayer operator  Candidate to interpret instructions from sprayer operator  To include: • identification of correct instructions • correct interpretation of instructions			filter					
Part fill equipment  • refit  • suitable site selected  • fill by usual on-site method, following approved procedures  • clean water supply  Met ✓ Not Met X  Dinterpret instructions from the sprayer operator  To include:  • identification of correct instructions  • correct interpretation of instructions				1				
Part fill equipment  • suitable site selected • fill by usual on-site method, following approved procedures • clean water supply  Met ✓ Not Met X  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □								
• fill by usual on-site method, following approved procedures • clean water supply  Met ✓ Not Met X  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □								
Unit 171  Unit 171  Interpret instructions from the sprayer operator  Candidate to interpret instructions from sprayer operator  To include:  identification of correct instructions  correct interpretation of instructions			Part fill equipment					
Unit 171 Interpret instructions from the sprayer operator  Candidate to interpret instructions from sprayer operator  Candidate to interpret instructions from sprayer operator  To include:  identification of correct instructions  correct interpretation of instructions								
Unit 171 Interpret instructions from the sprayer operator Candidate to interpret instructions from sprayer operator  5.1 Candidate to interpret instructions from sprayer operator  To include:  • identification of correct instructions  • correct interpretation of instructions				·				
Unit 171 Interpret instructions from the sprayer operator Candidate to interpret instructions from sprayer operator  5.1 Candidate to interpret instructions from sprayer operator  To include:  • identification of correct instructions  • correct interpretation of instructions								
Unit 171 the sprayer operator instructions from sprayer operator operator instructions from sprayer operator instructions operator operator operator operator operator instructions operator ope		Interpret instructions from	Candidate to interpret			Г		F
5.1 Correct interpretation of instructions	Unit 171			identification of correct instructions				
	5.1		operator	correct interpretation of instructions				
				Met ✓ Not Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C A	AND B	IDA	TE
Unit 171	Measure the required quantities and add to the	Candidate to measure and add quantities required for	To include:      correct selection and use of PPE (as required by	_	5		<u> </u>
5.2	equipment	the instruction specified in <b>5.1</b>	the product label and/or COSHH/Risk Assessment)				
		Note: This will be a simulated pesticide	suitable site selected				
		product	fill by usual on-site method, following approved procedures				
			clean water supply				
			accurate measurement of water				
			accurate measurement of pesticide				
			correct filling procedure				
			use of filling device if fitted				
			avoidance of spillage     observance of pesticide manufacturers				
			instructions for mixing and agitation				
			Met ✓ Not Met X				
Unit 171	Demonstrate safe and accurate transfer	Candidate to safely and accurately transfer the	To include:				
Offic 171	procedures	diluted pesticide to the	determine requirement from instructions     correct amount transferred				
5.3		applicator	safe procedure				
			avoidance of spillage				
			Met ✓ Not Met X		П		П
	Carry out all activities	Note to the Assessor:	To include:				H
Unit 171	protecting human health and the environment	Assessor to be <b>satisfied</b> that the candidate has carried out	prevention of personal injury and contamination				
5.4	and the environment	all activities protecting	through correct selection and use of PPE (as required by the product label and/or COSHH/Risk				
		human health and the environment	Assessment)				
		environment	prevention of public/bystander contamination				
			safe filling/transferring procedure				
			avoidance of spillage				
	Complete records	Candidate is required to	Met ✓ Not Met X  Completion of the mixing/transferring record must be:	Ш	Ш	Ш	닏
Unit 171	Complete records	complete a treatment record	accurate				
5.5		Note to the Assessor: The	legible (if handwritten)				
0.0		treatment record must be approved by the Assessor (or	Met ✓ Not Met X				
		supplied by the Assessor if necessary)					
Unit 171	Explain how to manage	Candidate to explain one	May include:				
Offic 171	surplus pesticide and dispose of waste materials	method of dealing with surplus concentrate pesticide	return to temporary mobile store				
6.1			return to fixed store				
		Candidate to <b>explain two</b> methods of dealing with	Containers:				
		waste containers and	<ul><li>triple rinsed</li><li>placed in secure storage until disposal</li></ul>				
		packaging	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	May include:				
		methods of dealing with surplus dilute pesticide	transfer to applicator for application back on to				
		Garpius anate pesticiue	<ul> <li>site as long as it is below the maximum dose rate</li> <li>transfer to applicator for use on another approved</li> </ul>				
			crop/target				
			treated by specialist treatment facility on site (e.g. a lined bio bed)				
			collected by licensed waste disposal contractor				
			Met ✓ Not Met X				
			Met , Not Met X	Ш	Ш	Ш	<u>ш</u>

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDAT	ſΕ
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
	Explain how to clean and	Candidate to explain four	May include:				
Unit 171	decontaminate the mixing and transferring equipment	factors that need to be considered when cleaning	<ul> <li>select and use appropriate PPE</li> </ul>				
6.2	and transferring equipment	and decontaminating the	appropriate site				
0.2		equipment	<ul> <li>thorough washing with water and suitable additive if required</li> </ul>				
			internal and external surfaces				
			use of in-built wash systems if provided				
			care to ensure contamination 'hot-spots' are clean				
			thorough flushing of systems				
			<ul> <li>safe disposal of contaminated washings (usually transferred to applicator for disposal)</li> </ul>				
			when cleaning should take place				
			safe procedures followed				
			Met ✓ Not Met X				
	Describe the storage	Candidate to describe three	May include:				
Unit 171	requirements for the mixing and transferring equipment	factors to consider prior to storing the equipment	<ul> <li>ensure the equipment is clean and dry</li> </ul>				
6.3	and transferring equipment	storing the equipment	inspect for wear and damage				
0.0			replace any worn or damaged parts				
			<ul> <li>ensure system is drained and any valves left in appropriate positions</li> </ul>				
			frost protection measures implemented				
			lubricate as required				
			store undercover and out of direct sunlight				
			store in a secure area				
			Met ✓ Not Met X				

Summary of Assessment (The	Assessor is to con	nblete the follow	ıına as appropriate.
----------------------------	--------------------	-------------------	----------------------

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