CITY & GUILDS NPTC LEVEL 2 AWARD IN THE SAFE USE OF BRUSH-CUTTERS AND TRIMMERS QAN 601/1299/2



QUALIFICATION GUIDANCE

Integrated Assessment

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)

Qualification Group No	0 0 1 4	Machinery
Qualification Programme No	0 0 1 4 - 2 1	L2 Award in the Safe Use of Brush-cutters and Trimmers
Unit(s)	2 0 1	Trimmer and brushcutter operations
Endorsement(s)	0 0 1 0 0 2	Trimmer Brushcutter
Guided Learning Hours	2 0 1	GLH 23 (3 Credits)
Total Qualification Time		30 Hours
Recommended Assessment		1.5 – 3 hours per Candidate

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

City and Guilds NPTC Level 2 Award in the Safe Use of Brush-cutters and Trimmers **Qualification Guidance**

Introduction

The scheme will be administered by City & Guilds

City & Guilds will:

Publish - Scheme regulations

- Qualification guidance
- Training materials
- Trainers support materials

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

Instruction

Attendance at a course of instruction is not a pre-requisite for an application for an assessment but potential Candidates are strongly advised to ensure that they are up to the standards that will be expected of them when they are assessed.

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 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 201	(Mandatory)	(Credit Value 3)
Outcome	e 1. know how to carry out a risk	k assessment (Criteria 1.1 – 1.1)
Outcome	e 2. Know the health and safety	legislation that underpins trimmer and brushcutter operations (Criteria 2.1 – 2.1)
Outcome	e 3. Know the appropriate Perso	onal Protective Equipment (PPE) for trimmer and brushcutter operations (Criteria 3.1 – 3.1)
Outcome	e 4. Know the health and safety	features of the equipment being used (Criteria 4.1 - 4.1)
Outcome	e 5. Know how to maintain the tr	rimmer / brushcutter (Criteria 5.1 – 5.5)
Outcome	e 6 Know how to operate a trim	mer / hrushcutter (Critaria 6.1 – 6.2)

Outcome 6. Know how to operate a trimmer / brushcutter (Criteria 6.1 – 6.2) Outcome 7. Understand different operating techniques (Criteria 7.1 – 7.2)

Know how to store equipment safely and appropriately (Criteria 8.1 - 8.1) Outcome 8.

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

Endorsement: The assessment may be taken on a machine with any type of cutting mechanism for example:

001 Trimmer 002 Brushcutter

The certificate will be endorsed accordingly. Candidates are encouraged to take their assessment with different cutting mechanisms to broaden their

Only two endorsements can be taken in any one registration.

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 laid down. 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 the verifier at a time when assessments are being undertaken.

Quality Assurance continued...

A selection of assessment reports completed by the Assessor will be evaluated by a City & Guilds approved verifier.

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 forwarded to the centre and retained by the centre until after the annual centre visit has taken place by a Quality Systems Consultant (QSC).

As part of the quality assurance process, a minimum of **two** observations are required to be undertaken for each qualification that is assessed by a Trainer/Assessor. These will be carried out by an internal Verifier appointed by the Centre. One observation will be conducted in the presence of the Quality Systems Consultant. In respect of risk management, there is an expectation that additional observations up to a maximum of **four** will be carried out for the inexperienced or newly qualified Trainer/Assessor or Assessors.

Performance Evaluation

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

- Mets 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 being deficient in 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 an external verifier may be approached to offer independent advice. All appeals must be clearly documented by the Centre Manager and made available to the external verifier or City & Guilds if advice is required.

Should occasions arise when centres are not satisfied with any aspect of the external verification process, they should contact Verification Services at City & Guilds.

Access to the qualification is open to all, irrespective of gender, race, creed, age or special needs. 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

A Manufacturer's instruction book or other operator's manual should be available. It is permissible for the Candidate to use this during formal assessment.

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 appropriate item of machinery complying with legal requirements is acceptable for the assessment, provided it is suitably equipped for all assessment activities to be carried out.

Safe Practice

Appropriate Personal Protective Equipment (PPE) must be worn at all times.

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, or other equipment are not endangered.

All ancillary equipment, when detached, must be safely parked.

Failure to operate safely and comply with these requirements will result in the Candidate not meeting the required standard.

Warning signs stating that an assessment is in progress should be available.

The Assessor may stop the assessment on the grounds of safety at any time at his/her discretion.

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

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.

Additional Information

May be sought from the relevant manufacturer's operator manuals or any other appropriate training or safety publication.

Questions should be related to the background or employment aspirations of the candidate and, where possible, product labels used should be representative of products typically used in that sector or industry.

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 Trainer/Assessor

This qualification can be assessed by a Trainer who has trained the Candidate (a Trainer/Assessor) or by a third party (an Assessor) not directly involved with training of the Candidate providing they are suitably qualified and meet the requirements of the awarding body. Please see City & Guilds Centre Manual for guidance.

It is envisaged that assessment will be carried out after all of the training has been completed. However assessment may take place at intervals after each 'period' of training and may be effectively integrated into the training programme. The Candidate must be informed when assessment is taking place in terms of when formal assessment commences and when its ceases. It is not permissible to assess whilst training is being carried out. Assessment must be a separate activity.

Trainer/Assessors are reminded that assessment is a formal process. Assessment must be carried out using the Qualification Guidance. All relevant assessment criteria must be assessed against the criteria 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. Trainer/Assessors are reminded that feedback from the Candidate is required on the Record of Assessment that is sent to City & Guilds as part of the quality assurance process. After assessment has been completed the assessment schedule is to be forwarded to the centre and retained by the centre until after the annual centre visit has taken place by a Quality Systems Consultant (QSC).

The Candidate may only have a maximum of 3 attempts. Re-assessment cannot take place until further training has been provided.

Assessment Guidance for Candidate

A list of registered assessment centres is available from City & Guilds Land Based Services. (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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Candidate A Name: Date:		Start Time:	Duration:							
Candidate B	Name:		Date	e :	Start Time:	Duration:		uration:		
Candidate C	Name:		Date	e :	Start Time:	Dura	tion	1:		
Candidate D	Name:		Date	e :	Start Time:	Dura	tion):		
CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE			SSESSMENT ACTIVITIES		C/ A	AND B	IDA1 C	ΓE D
Unit 201 ass	arry out a risk sessment relevant to the eration to identify: significant hazards those at risk control measures emergency procedures	Candidate to carry out a ri assessment by checking th site for hazards and report findings to the Assessor Candidate to state three possible risks when operatia brushcutter or trimmer	ing ing	 report to the app condition is unsular condition is unsular condition is unsular condition is unsular condition in the operation set out warning so position barriers appropriate) impathemselves state the emergenan incident May include: contact with under flying debris bio hazards machine getting kickback 	d remove or mark hazards propriate person if the site propriate and state why condition of the site is accept to take place signs to exclude public/animals (if element suitable controls to pency procedures in the even erground hazards caught in vegetation ming in contact with limbs	f protect t of				
De	escribe the relevant	(Note: Any three required by	oy I	May include the follow	Met√ Not	/let X		Ш	Ш	Ш
2.1 leg	alth and safety gislation in relation to mmer and brushcutter erations	name and an outline of the implication on brushcutter/ trimmer operation) (Any implications considered to be valid by the Assessor may be	,	 duties under the The Managemer Regulations 199 carried out for al Personal Protect 	Ifety at Work Act 1974 – spe act as an employee Int of Health and Safety at W 9 – a risk assessment must I activities tive Equipment Regulations supplied and worn	ork be				
		accepted)		 Manual Handling avoid manual ha lifting techniques The Control of V 	g Operations Regulations 19 andling where possible, use	safe s				
				 Provision and Us Regulations (PU regular checks a 	se of Work Equipment WER) 1998 – requires that ire made	ationio				
				protection must lCountryside and	egulations 2005 – hearing be worn over 85db Wildlife Act 1981 – operatio					
				carried out at tim wildlife	nes to minimise the impact o Met ✓ Not N					
Unit 201 Pe Eq 3.1 trin	elect the appropriate ersonal Protective quipment (PPE) for mmer and brushcutter erations	Candidate to describe PPF required for operation Assessor Note: A mesh visor with additional eye protection is required for brushcutter operations and clear plastic or polycarbona face shield is required for trimmer operation	a		ted in the manufacturers s manual, PPE should inclu with visor ion	de:				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDAT	TE D	
	Identify the Health and	The candidate is to identify	May include:					
Unit 201	Safety features of the equipment being used	the guarding requirements for the machine being used	all moving/hot parts to be guarded as defined in the operators handbook					
4.1			blade guard (brushcutter)					
			or					
			nylon guard and trimming knife (trimmer)					
		The candidate is required to	To include:					
		state the meaning of the decals on the machine	the operator protection decals					
		decais on the machine	bystander protection decals					
		The candidate is to identify	To include all of the following:					
		all the controls on the machine being used	on/off switch					
		machine being used	• choke					
			Operator Presence Control (OPC) throttle					
			throttle throttle lock					
			primer bulb					
			decompressor (if fitted)					
		The candidate to state three	Safety precautions may include:					
		safety precautions	risk assessment must be carried out before					
			operation of the machine					
			PPE must be worn at all times					
			ensuring the safety of bystanders					
			a minimum safe working distance of 15 metres must be maintained at all times					
		The candidate is required to state the maximum blade or	maximum blade or head rotation speed as identified by manufacturer					
		head operating speed	Met ✓ Not Met X					
	Describe the pre	Candidate to carry out pre-	These may include:	Ш	Ш	Ш	느	
Unit 201	operational checks that	operational checks to the	inspecting the machine for damage (including the					
5.1	should be made to the trimmer/brushcutter	machine and describe what they are doing to the	blade or nylon head)					
3.1	tillillion brasileatter	Assessor	checking that there is sufficient nylon cord (trimmer only)					
			inspecting the machine for loose components and					
			fixings					
			checking the oil level (if applicable)					
			• checking the fuel level					
			fuelling the machine (if required)					
			Candidate to state two safety precautions that should be	This may include:			_	
		observed with flammable	no smoking/naked flames no smoking context with hot surfaces.					
		liquids	avoiding contact with hot surfaces fuel topped up to correct level allowing for					
			expansion					
			any spillage is dealt with using the correct method					
	I dontify no stip o	The condidate is negligible	Met ✓ Not Met X	Ш	Ш	Ш	Ш	
Unit 201	Identify routine maintenance procedures	The candidate is required to identify routine maintenance	It includes: clean power unit and covers					
5.0	for the trimmer/brushcutter	procedures for the	service the air filter					
5.2		brushcutter/trimmer	service the spark plug					
		This criterion will be met in	service the recoil starter mechanism					
		5.3, 5.4 and 5.5 and need not be assessed separately	service fuel filter					
		ac account sopulatory	check angle drive and gearbox					
			sharpen brushcutter blade					
			and /or					
			remove trimmer head and refit new cord or pulse blades.					
			nylon blades					
			Met ✓ Not Met X	Ш	Ш	Ш	Ш	

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		AND	_	
NUMBER	CRITERIA Describe the procedures	GUIDANCE The candidate is required to	ACTIVITIES Power unit and covers:	Α	В	С	D
Unit 201 5.3	for maintaining the engine of the trimmer/brushcutter	carry out the following activities and describe to the assessor what they are doing	inspect for security and damage – damaged equipment should not be used				
5.5		and why these activities are necessary	external fixings present and secure				
			debris removed from fins/air intake – allows for cooling of engine				
			exhaust (muffler) is secure and intact – reduce noise and vibration				
		The candidate to state the	Service air filter:				
		purpose of the air filter	air filter prevents debris from entering the carburettor and needs to be clean to maintain correct air/fuel ratio				
			debris removed from around filter prior to removal				
		 filter removed (choke closed or protected) filter cleaned or new filter obtained (as appropriate) 					
			filter replaced and cover fitted				
		The candidate to state the	Service the spark plug:				
		relevance of the colour of the	if fuel rich – deposits dark brown to black				
		deposits on the spark plug	if fuel weak – deposits light brown to white				
			engine cover and spark plug removed				
			plug cleaned appropriately				
			wear/damage assessed (replaced if necessary) or				
			gap size checked and set if necessary			Ш	
		The candidate to assess the recoil mechanism and	Service starter recoil mechanism: when the spring is slack the cord does not fully				
		comment on tension and condition of cord	retract over tight spring binds the cord before it can be				
			fully extended recognise wear points; at base of toggle and				
			where attached to pulley starter cover removed and ventilation slots				
			cleaned cord inspected for wear				
			cord and coil spring released and re-tensioned				
		The candidate is required	Fuel filter (candidate required only to state how to				
		only to state how to service the fuel filter	service the fuel filter):				
		the ruer litter	fuel cap to be removed filter to be leasted and removed from tools using				
			filter to be located and removed from tank using an appropriate tool				
			condition of the filter determined, replacement if necessary				
			cleaning procedures include using non flammable detergents followed by rinsing and drying				
			Met ✓ Not Met X				
Unit 201	Describe the procedures for maintaining the cutting heads	The candidate is required to carry out the following activities and describe to the					
5.4		assessor what they are doing and why these activities are necessary					
		Check angle drive and	Angle drive and gearbox:				
		gearbox	access plug removed				
Continued			lubricant checked				
Johnmaed			lubricant topped up (if appropriate)				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA [*]	TE D
NOWIDER	OMILMA	Sharpen brushcutter blade	Sharpen brushcutter blade:		В	U	۳
Cont		(secured in vice or clamped	gloves worn when handling brushcutter blade				
Unit 201		to bench)	remove blade guard				
			secure blade using appropriate method (locking pin, spanner etc)				
5.4							
			loosen and remove retaining nut (L/H thread)				
			remove blade assembly				
			check the blade for length check the blade for damage				
			 check the blade for damage secure the blade for filing (any acceptable method 				
			used)				
			 blade sharpened correctly (blade template used if appropriate) 				
			blade balance checked				
			blade re-checked for cracks/damage				
			drive shaft and collar cleaned				
		and/or	blade refitted, washer and lock replaced securely				
		Remove trimmer head and refit new cord or nylon blades	Remove trimmer head and refit new cord or nylon blades:				
		(as appropriate)	secure nylon head using an appropriate method				
			remove retaining nut				
			Remove casing and comment on the condition of:				
			• casing				
			ferrules				
			retaining nut				
			check cord or blades for damage				
			refit existing or new cord or blades (as			_	_
			appropriate)				
			refit nylon head				
			refit washer and nut and secure appropriately				
			nylon trimmed to recommended length				
	Describe the procedures	Candidate to describe how	Met ✓ Not Met X	Ш	Ш	Ш	ᆜ
Unit 201	Describe the procedures for making adjustments to	to make adjustments to the	May include: adjusting the engine idling screw (if applicable)				
	the trimmer/brushcutter	engine of a brushcutter or	 adjusting the engine idling screw (if applicable) adjusting the fuel mixture (if applicable) 				
5.5		trimmer	adjusting the ruer mixture (if applicable)				
		Candidate to demonstrate	To include:				
		other adjustments that can be made to the machine	handle bar adjustment as necessary				
		made to the madrine	moving/adjusting harness connection point				
		Candidate is required to	To include:				
		demonstrate how to adjust	length of shoulder straps				
		the harness correctly	length of side straps				
			position of chest plate				
			position of hip guard				
			 correct working height and balance achieved 				
			Met ✓ Not Met X				
	Carry out pre-cutting tests	Candidate to carry out a	To include:				H
Unit 201		pre-cutting test	remove and retain guard (brushcutter)				
6.1			correct starting procedure for the machine (on the				
0.1			ground)				
			start machine, check controls are fully operational				
			ensure blade or head is stationary at idling speed				
			machine stopped using on/off switch				
i		Ī	Met ✓ Not Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT			IDA.	
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 201 6.2	Prepare the site to be cut	Candidate to state three precautions to be considered when working in areas to which the public has	May include:				
		pedestrian or vehicular	high visibility clothing worn				
		access	an 'exclusion zone' could be set up				
			road or dual carriageway lane closed or				
			coned off				
			Met ✓ Not Met X				
11-1: 004	Describe the different	Candidate to describe the	To include:				
Unit 201	operating techniques for grassland and scrub	different techniques for grassland and scrub	scything technique				
7.1	gradorana ana dorab	graderana ana eeraz	swatting technique (brushcutter)				
			direction of working to avoid clogging blade/head				
			Met ✓ Not Met X				
Unit 201	Use appropriate operating techniques for the site	Area to be cut approximately 30m ²	To include: safe working distance maintained at all times				
	being cut		plan work efficiently				
7.2		Candidate to operate the brushcutter demonstrating	blade speed appropriate whist cutting				
		both the scything method	use legs and hips to work machine				
		and swatting method	cut vegetation using scything action				
			cut vegetation using swatting method				
			clear jammed blade safely (if occurs)				
		or	vegetation cleared to specification				
		0 "11	To include:				
		Candidate to operate the trimmer using the scything	To include:				
		method cutting around three	safe working distance maintained at all times				
		obstacles without causing	plan work efficiently pulse sutting good/blade anged engrapriets which				
		damage. The obstacles can be e.g. trees, shrubs, picnic	 nylon cutting cord/blade speed appropriate whist cutting 				
		tables or fence posts	use legs and hips to work machine				
		·	cut vegetation using scything action				
			renew or replace nylon cord/blade as appropriate				
			clear jammed head safely (if occur)				
			damage to obstacles avoided				
			vegetation cleared to specification				
			Met ✓ Not Met X				
Unit 201	Store equipment appropriately and in	Candidate is to state two advantages of regularly	May include, to:				
Onit 201	accordance with	cleaning the machine after	prevent corrosion				
8.1	manufacturer's guidelines	use	facilitate maintenance and adjustments				
			prevent personal contamination				
		Candidate to state two	May include:				
		factors to consider when cleaning the machine	using appropriate PPE				
		oleaning the machine	 removing unwanted residues using an appropriate method, which may include: 				
			compressed air				
			hose and water				
			• brush				
			waste disposed in line with company policy, environmental good practice and any legislative requirements				
		Candidate to state one reason for inspecting the machine after use	May include: machine inspected to establish if there are any missing, damaged or worn components missing, damaged or worn components				
ı			ensures that defects can be rectified before machine is required again for use				
			Met ✓ Not Met X				
	İ	1	met - Not met A	ш	ш	ш	ш

Summary of Asse	essment (The A	Assessor is i	to complete i	the followina	as appropriate)
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Candidate A	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:					
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:	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 ✓			
	Signed:	Date:		•			
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:		1			
For (Int	r use by Internal Verifier ONLY if the assessment process was i ernal Verifier to complete ONE of the boxes below)	internally	verified				
I ob	oserved an assessment process taking place and I am satisfied that the judgement of the Assessor was appropriate.	nat the a	ssessment was conducted in line with the qualification requirements	Tick ✓			
I ob	oserved an assessment process taking place. The following were	noted as	s areas of concern.	Tick ✓			
	Signed: Date:						