CITY & GUILDS NPTC LEVEL 2 AWARD IN THE SAFE USE OF SHREDDERS IN AMENITY OPERATIONS QAN 601/1289/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)

Qualification Group No	0 0 1 4	Machinery
Qualification Programme No	0 0 1 4 - 3 0	L2 Award in the Safe Use of Shredders in Amenity Operations
Unit(s)	2 0 1	Use and maintain chippers and/or shredders
Guided Learning Hours	2 0 1	GLH 23 (Credit Value 3)
Total Qualification Hours		30 Hours
Recommended Assessment Duration		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 Shredders in Amenity Operations 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.

Instruction

Unit 201

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:

	(Mandatory)	(Credit Value 3)
Outcome 1. Outcome 2.		n chippers and/or shredders (Criteria 1.1 – 1.6) minimise environmental damage (Criteria 2.1 – 2.3)
Outcome 3. Outcome 4.	Know how to use and main	tain chippers and / or shredders (Criteria 2.1 – 3.5) d safety legislation and environmental good practice (Criteria 4.1 – 4.2)

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 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.

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).

Performance Evaluation

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

- M = 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 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. 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

A Manufacturer's instruction book or other operator's manual should be available for the Candidate to use during the assessment if required.

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 current 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 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.

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.

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 against the criterion 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 theses 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 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 by a Quality Systems consultant (QSC).

Assessment Guidance for 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 their 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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City & Guilds is a registered charity established to promote education and training

Candidate	A Name:		Dat	te:	Start Time:	Dura	atior) :		
Candidate	B Name:		Dat	te:	Start Time:	Dura	atior	n:		
Candidate	C Name:		Dat	te:	Start Time:	e: Duratio		ation:		
Candidate	D Name:		Dat	te:	Start Time:	Duration:				
CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE			SSESSMENT ACTIVITIES		C. A	AND B	DIDA ⁻	TE D
Unit 201 3.1	List the main hazards and risks associated with using the shredder and action to be taken	 Candidate to state five risk when using shedders and how to control them relating to: The site where the activity is to take place The task being carried out The machine being use Candidate to state two saf precautions that should be observed with flammable liquids 	g ed fety	fuellingavoiding contactfuel topped up to	ed flames es engine to cool be fore re- t with hot surfaces o correct level allowing for spillage is dealt with using tod					
			h		Met ✓ Not I	Met X				
Unit 201 4.1	Outline the current Health and Safety legislation, Codes of Practice and any additional requirements	(Note: Any three required to name and an outline of the implication on shredder operation) (Any implications considered to be valid by the Assessor may be accepted)	,	 duties under the The Managemen Regulations 199 carried for all ac Personal Protec PPE must be s Manual Handling not to manually Provision and U: Regulations (PU regular checks at Noise at Work R protection must 	afety at Work Act 1974 – sp act as an employee int of Health and Safety at W 99 – a risk assessment must tivities tive Equipment Regulations supplied and worn g Operations Regulations 19 handle, use safe lifting techr se of Work Equipment WER) 1998 – requires that are made Regulations 2005 – hearing be worn over 85db	York be 1992 992 – niques				
Unit 201 3.2	Explain the importance of operating equipment in line with manufacturer's instructions	Candidate is required to explain why it is important to operate equipment in line with manufacturer's instructions, three reasons required		 may be present to maintain optin to ensure that the inappropriate us to reduce the new 	nal safety and that of others num performance of the shr he shredder is not damaged	edder from				
Unit 201 3.5	Describe types of protective clothing and explain why it must be worn	Candidate is required to describe what PPE is required for: • preparation/maintenance	ce	crush injuries an	clude: rovide grip, protect feet from nd puncture wounds ng – keeps the operator clea					
		 of the shredder operation of the shredd and explain why it needs to 		 keeps the opera ear protection – eye protection – 	tor safe protects hearing protects eyes from possible					
		be worn		 from flying debri dust mask – pro 	s, puncture wounds tect the operator from dust, I fungal spores from decayir					
Continued					 protects hands from injurie and puncture wounds 	es,				

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CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C. A	AND B	IDA1 C	TE D
Cont			 safety helmet – protects head from injury high visibility clothing – to warn bystanders/public of the presence of operators 				
Unit 201 3.5			 other PPE specified in manufacturer's handbook or risk assessment 				
			Met ✔ Not Met X				
Unit 201 1.2	Select and use the correct Personal Protective Clothing and Equipment	The Assessor is check that the candidate selected the correct PPE for each activity being undertaken and observe the candidate throughout the assessment to ensure that PPE is worn as required for all activities	 The candidate: selected the correct PPE for all activities wore the correct PPE for all activities Met ✓ Not Met X 				
Unit 201 3.3	 Describe methods for preparing and maintaining the equipment for use covering: Correct pre-use checks Correct start-up procedure Use appropriate work method Correct stopping procedure Correct post-use maintenance Reporting problems to the appropriate person 	 Note to the Assessor: If the candidate described any of the following in other parts of the assessment there is no requirement to re-assess the candidate Correct pre-use checks Correct start-up procedure Use appropriate work method Correct stopping procedure Correct post-use maintenance Reporting problems to the appropriate person 	Candidate described: • correct pre-use checks • correct start-up procedure • use appropriate work method • correct stopping procedure • correct post-use maintenance • reporting problems to the appropriate person Met ✓ Not Met X				
Unit 201	Maintain shredder in accordance with	The candidate is required to state two advantages of	These include to: • prevent corrosion				
	manufacturer's instructions	cleaning the shredder after use	 prevent corrosion facilitate maintenance and adjustments 				
1.4		use	 to prevent the build up of debris, which could catch fire prevent debris being deposited during transport 				
		The candidate is required to clean the machine after use. This also satisfies criteria 3.3	 Remove unwanted debris using any suitable methods which may include: a blower the use of an airline and compressed air water brush all waste material was disposed of in line with 				
			legal requirements, Codes of Practice and organisational requirements				
		The candidate is required to state why the machine should be inspected after use. This also satisfies criteria 3.3	 Reasons for inspecting the shredder after use include: to establish if there are any missing components to establish if there is any wear or damage to the machine 				
			• to notify an appropriate person that the machine is defective				
			 to enable defects to be rectified before it is next used so that operators can be informed that the 				
			machine is not fit for use Met ✓ Not Met X				
	Describe the types of	The candidate is required to	These may include:				
Unit 201 3.4	problems that may occur with the equipment and describe how to deal with	describe two common problems and how to deal with each	 A blocked input chute – turn off the machine, make safe and remove the blockage A blockad displayers abute – turn off the machine 				
	each of these correctly		 A blocked discharge chute – turn off the machine, make safe and remove the blockage Loose mountings, bolts or nuts – make the 				
			machine safe and re-tighten (if within the scope of the operators responsibility)Damage from metal, stones or hard objects				
			entering the shredder – stop the machine and report the problem to a supervisor				
			Met ✓ Not Met X				

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CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C A		IDA [.]	TE D
NUMBER	Identify any problems with	The candidate is to identify	The candidate:	A	В	C	
Unit 201 1.5	the shredder and take the correct action	any problems that occur with the shredder and to take appropriate action	 identified a problem with the shredder and took appropriate action Or 				
		Note to the Assessor: If no problems occur the Assessor can ask one guestion based	The candidate answered the question correctly				
		on a scenario	Met ✓ Not Met X				
Unit 201	Make sure that the shredder is in safe and	Candidate to carry out pre- start checks to the machine	These include:all guards are in place and secure				
1.1	good working order	and describe what they are looking for as this also	warning signs are visible				
		satisfies criterion 3.3	 stop switch(s)/cut out devise(s) are operational any other operation protection devises are 				
		All required	any other operation protection devises are operational				
			 feed and discharge chutes are secure and in good repair 				
			controls are checked for function				
			 any brakes, chocks, stabilisers or other security devises are checked 				
			 inspecting the machine for signs of damage 				
			 inspecting the machine for loose components, nut and bolts 				
			Met ✓ Not Met X				
	Set up and use the	Candidate to state two	May include:				
Unit 201	shredder in accordance with the manufacturer's	factors to consider when moving a shredder	maintaining good visibility when reversing/turning				
1.3	instructions and legal requirements		ensuring machine does not tip over when moving across slopes				
		Assessor to observe the	Moved in a safe manner:				
		candidate positioning the machine. Record n/a if any	 controls used appropriately on self propelled machines 				
		do not apply	machine moved under control				
		If the candidate does not move a trailed or mounted	tractor or prime mover operated correctly to move machine				
		machine as part of his/her	 trailed machine manoeuvred safely 				
		normal duties they will not be required to do so in the	obstacles avoided				
		assessment	slopes negotiated safely				
		Note to the Assessor: If the shredder is tracked the	 These may include: ensure hydraulic fluid is at operating temperature 				
		candidate is to state four additional safety precautions	before attempting manoeuvres				
			 ensure ramps can support weight of machine avoid turning on ramps 				
			 avoid turning on ramps avoid turning on slopes 				
			 operator must be on higher side when ascending or descending slopes 				
			 additional care must be taken when climbing over 				
			 obstacles chocks to be placed under tracks if stopped on a 				
			steep slope				
		The candidate is to check	Trailed machines:				
		that the machine is in a stable condition prior to operation	 jockey wheel lowered or hitch on the vehicle checked for security 				
		Note to the Assessor: To be	 brakes, chocks, stabilisers applied as appropriate 				
		assessed as per type of	• turntable (if fitted) locked in position				
		machine	Mounted machines (Three Point linkage):				
			 correctly attached via linkage arms and top link machine aligned correctly 				
			 machine aligned correctly Lynch pins secure 				
			Stabilisers/check chains in place and secure				
Continued			PTO shaft secure, guards in place				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C. A	AND B	IDA C	TE D
Cont			Tracked machines:				
Cont Unit 201			 tracks, rollers and sprockets are intact, tensioned and aligned correctly 				
1.3			 hydraulic levelling/widening is employed (as appropriate) 				
		The Candidate is required to check that feed and	Checked that: • machine is stable				
		discharge chutes are correctly set (as applicable to the machine) to avoid injury	 machine is positioned at an appropriate distance from hazards 				
		from flying debris	feed chute is correctly setdischarge chute is correctly set				
			discharge chute is not obstructed				
		The Candidate is required to test start the machine and	The following were checked (as appropriate to the machine):				
		carry out safety checks (as appropriate to the machine) This also satisfies criteria	safe starting location selectedbystanders at a safe distance				
		3.3	 visual checks completed 				
			 machine started in accordance with manufacturers instructions 				
			throttle adjusted to achieve working speed				
			 operator protection mechanism checked for correct operation 				
			 emergency stop control checked for operation shredder stopped, key removed (if applicable) 				
			Met ✓ Not Met X				
	Work in a way which	Candidate to state three	These may include:				
Unit 201	maintains Health and Safety and is consistent	reasonable precautions to take when working in areas to	authorities informed before work commences				
2.1	with current legislation,	which the public has access	warning signs erected				
	Codes of Practice and any		high visibility clothing worn by operators				
	additional requirements		exclusion zone set up				
			 other member of staff posted to keep bystanders at safe distance 				
		Candidate to state three	This may include:				
		ways to reduce the effect of noise during operation	avoid operation in enclosed spaces				
		3 4 1 1 1	operators to wear suitable ear protection				
			 rotation of operators avoid working in front of input chute 				
			 avoid working in front of input chute have an adequate exclusion zone for bystanders/ 				
			members of the public				
		Candidate to describe how they can maintain personal	This includes:				
		safety during shredding	reducing material to manageable proportions				
		activities. All required	 using correct manual handling techniques ensuring that material does not contain foreign 				
			objects				
			• not placing hand or feet into the input chute				
		Candidate to state five types of material that require	This may include:				
		particular care and suitable control measures to reduce	 contaminated material (human/animal waste, needles, litter and other debris) – do not process, additional precautions may need to be taken 				
		the risk of injury	 according to Risk Assessment brittle material shattering – wear suitable PPE to 				
			avoid injury				
			 bent/twisted material can move violently – be aware and take additional care 				
			 material can catch on clothing dragging the operator or causing injury – be aware of the additional hazards, take greater care when handling 				
Continued			 dry decomposing material may produce dust or fungal spores – wear dust mask or breathing protection 				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	-	AND	-	1
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Cont… Unit 201			 thorny material may cause puncture injuries – wear additional heavy duty hand arm and face protection 				
2.1			 toxic or irritant plant saps may cause blistering of skin or irritation – ensure all part of the body are covered by work clothing, cloves and face/eye protection are worn 				
		The Candidate to be observed during the	The candidate worked in a way which:				
		operation of the machine	 maintained his/her Health and Safety and that of others complied with current legislation 				
			 complied with current legislation complied with current Codes of Practice and any other additional requirements 				
			In addition: • feeding area was kept clear of other persons				
			 engine speed was maintained at the optimum 				
			 operator stood at one side when feeding the 				
			machine				
			 no part of the body entered the machine at any time 				
			• a push stick was used only when appropriate				
			the machine was stopped safely				
			 blockages cleared only when all moving parts were stationary and it was safe to do so 				
		The candidate is to leave the site in a suitable condition	The candidate:				
		after operation	left the site clean and tidy Or				
			as specified by the Assessor				
			Met ✓ Not Met X				
Unit 201	Describe how environmental damage can	Candidate to outline how with environmental damage	May include:				
	be minimised	can be avoided by adopting good practice	 use of bio fuel/oils using a spill kit to deal with any accidental spillage 				
4.2			 carrying out clearance with consideration to the needs of wildlife 				
			composting of arisings on site				
			Met ✓ Not Met X				
11::: 004	Carry out work in a manner	The candidate to three five	Environmental considerations may include:				
Unit 201	which minimises environmental damage	possible environmental considerations	 a fire hazard from piles of shredded material blocking of drains and water courses from 				
2.2			 inappropriate discharge inappropriate discharge against fences and 				
			hedges				
			 inappropriate discharge over plants and against trees 				
		Candidate to be observed during the operation of the machine	The candidate: carried out all work in a manner which minimised environmental damage 				
			Met ✓ Not Met X				
	Dispose of waste safely	Candidate to state two	Waste disposed of:				╞
Unit 201	and correctly	requirements for waste disposal	safely				
2.3		า เอาบอลเ	 correctly, in line with legal and organisational requirements 				
			Met ✓ Not Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDA ⁻	ΓЕ
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 201	Clean and store the equipment correctly after use	Candidate to clean and store the machine after use	the machine stored in an appropriate place after use				
1.6		Candidate is to state two	May include, to:				
		advantages of regularly cleaning the machine after	prevent corrosion				
		use	 facilitate maintenance and adjustments 				
			 prevent personal contamination 				
		Candidate to state two factors to consider when	May include:				
		cleaning the machine	using appropriate PPE				
		Note to the Assessor:	 removing unwanted residues using an appropriate method, which may include: 				
		storage my not be practical if	compressed air				
		the machine is to be re-used	 hose and water 				
		after assessment, in which case mark as n/a	• brush				
			 waste disposed off in line with company 				
			policy, environmental good practice and any legislative requirements				
			Met ✔ Not Met X				

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: D	ate:		
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; (<i>state reason(s))</i>	Tick ✓
	Signed: C	Date:		

	Candidate has met all of the assessment criteria	Tick ✓	The Candidate has not met all of the assessment criteria; (<i>state reason(s))</i>	Tick ✓
Candidate D				
	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 and that the judgement of the Assessor was appropriate.	Tick ✓
I observed an assessment process taking place. The following were noted as areas of concern.	Tick ✓
Signed: Date:	·