CITY & GUILDS LEVEL 2 AWARD IN COMPACT TRACTOR DRIVING AND RELATED OPERATIONS (QCF) QAN 600/4883/9



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 - 0 9	L2 Award in Compact Tractor Driving and Related Operations
Unit(s)	2 0 7	Prepare and operate a tractor and attachments
Learning Time (LT)	2 0 7	LT 38 (5 Credits) (* see note on page 2)
Recommended Assessment Duration		1.5 – 3 hours per Candidate

City and Guilds Level 2 Award in Compact Tractor Driving and Related Operations (QCF) Qualification guidance

Introduction

The scheme will be administered by City & Guilds

City & Guilds will:

Publish - Scheme regulations

- Qualification guidance
- Training material
- Training 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.

What is the Qualifications and Credits Framework?

OFQUAL have introduced the Qualifications and Credit Framework (QCF) to increase flexibility for learners and employers. Qualifications may be built up from individual units according to rules of combination. The units are derived from the National Occupational Standards, which are compiled by Lantra SSC, the Sector Skills Council for the Land-based industries.

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.

* Learning Time (LT)

Learning Time (LT) is a better indicator of the time requirement needed for a candidate to achieve competence in this qualification. It has replaced Guided Learning Hours (GLH) which are defined as "tutor or teacher led hours". LT is defined as "a notional measure of the learning time a typical learner might be expected to take to complete and achieve all learning outcomes". It takes into account prior learning and encompasses: formal learning (including classes, tutorials, on line tuition), coaching and mentoring, practical work, relevant IT activity, information retrieval, expected private study and revision, work-based activity which leads to assessment, practice to achieve competence, formative assessment, programme planning and feedback.

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 207 Prepare and operate a tractor and attachments (Credit Value 5)

Outcome 1.	Understand How To Prepare A Tractor And Attachments For Operation (Criteria 1.1 – 1.7)
Outcome 2.	Prepare A Tractor And Attachments For Operation (Criteria 2.1 – 2.6)
Outcome 3.	Understand How To Operate A Tractor (Criteria 3.1 – 3.6)
Outcome 4.	Operate A Tractor With Attachments (Criteria 4.1 – 4.9)

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

Endorsement: 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 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 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 his/her 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:		Dat	te:	Start Time:	Dura	ation):		
Candidate	B Name:		Dat	te:	Start Time:	Dura	atior	1:		
Candidate	C Name:		Dat	te:	Start Time:	Dura	ation) :		
Candidate	D Name:		Dat	te:	Start Time:	Dura	ation) :		
CRITERIA	ASSESSMENT	ASSESSOR			SSESSMENT		C		IDAT	
NUMBER	CRITERIA	GUIDANCE			ACTIVITIES		Α	В	С	D
Unit 207 3.2	List the types of hazards which may be encountered and how these should be dealt with	Candidate to state five hazards and how each should be dealt with		 slopes, overturn limitations of the safely 	w each could be dealt with: ing machine - be aware of tractor, how to negotiate sk	•				
				moving parts aw	ing mechanism, entrapment rareness of danger areas - uts, observe safe practice	t in				
				carrying fuel con	g machine, equipment and ntainers - muscle strain/torn t safe manual handling pract	tice				
					structions (signs, tree branch r wear head/eye protection,	nes)				
				bystanders – be	stones and debris, hitting aware of safe working dista arriers to exclude	inces,				
					structions/surface obstructio anhole covers – mark to avo					
				to exclude or co		J				
				locations, keep a	ys, drowning – be aware of away from the edges of bank wak bridge, injury to driver – o	ks				
				weight restriction						
				 hot components 	and burns, avoid contact - e	ensure				
				 guarding is intac 						
					gs, contamination – wearing					
				•	serving correct procedures om bio hazards – wearing co					
				 contamination fr PPE, contracting procedures 	g diseases - observing corre	ct				
				inhaling – wearir	· ·					
				observe safe dri	way, multiple injuries/death ving on the road, use orange , wear high visibility clothing	е				
					Met√ Not I	Viet X				
	Check the immediate work	Candidate to inspect the s	site	inspect the site a	and remove or mark hazards	3				
Unit 207 2.3	area for hazards and obstacles	for hazards		the operation to	•	le for				
2.3				 report to the app condition is unsu 	propriate person if the site uitable					
		Candidate to state how to ensure the safety of public		 set out warning (if appropriate) 	signs advising public of haza	ards				
					Met ✓ Not I	Met X				
		•						•		

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C/ A		IDAT	
NOWIDER	Describe conditions which	Candidate to describe four	May include:	А	В	C	D
Unit 207 1.5	should be taken into account when considering the use of attachments	conditions which should be taken into account when considering the use of attachments which are to be	 suitability of the attachment for the task (right implement/machine for the job) severity of slopes 				
		used during the assessment	 structural integrity of the soil, ability to support the tractor and equipment ground conditions, linked to soil water content, 				
			 condition of the soil and likely finish that will be achieved (too wet/too dry) will cultural operations damage the soil structure 				
			 condition of the vegetation/crop current weather conditions possible changes to weather 				
			Met ✓ Not Met X				
Unit 207 3.6	Identify Health and Safety legislation, and codes of practice in relation to the preparation and use of tractors	Candidate to name three relevant pieces of health and safety legislation or codes of practice in relation to the preparation and use of	 May include any of the following: The Health & Safety at Work Act 1974 - duties under the act as an employee Provision and Use of Work Equipment 				
		tractors. In addition state one impact on compact tractor operation	Regulations (PUWER) 1998 - regular checks and maintenance must be carried out to manufacturer's recommendations				
			The Management of Health and Safety at Work Regulations 1999 - Risk assessment must be carried for all activities				
			Manual Handling Operations Regulations 1992 - not to manually handle, or use safe lifting techniques				
			Control of Substances Hazardous to Health (COSHH) 2002 - fuel handling and protection from contamination from lubricants				
			Personal Protective Equipment Regulations 1992 PPE must be supplied and worn				
			Noise at Work Regulations 2005 - hearing protection must be worn over 85 (dB)				
			Control of Vibration at Work Regulation 2005 - ensure machine complies with legislation				
			 Health and Safety at Work Act 1974 - duties imposed on the employee Reporting of Injuries, Diseases and Dangerous 				
			Occurrences Regulations 1995 - certain categories of injuries must be reported, where first aid and seven days off is necessary				
			Met ✓ Not Met X				
Unit 207	Identify Health and Safety issues in relation to the	Identify appropriate safety clothing and protective	Must include: • safety boots (free from mud and oil)				
1.2	preparation and use of tractors	equipment for preparation, maintenance and use of the tractor (As specified in the operators manual and subject	'non snag clothing' (overalls or high visibility clothing depending on where working activities are to be carried out)				
		to findings of hazard and risk assessment and recommend control measures)	work gloves (for removing/attaching implements) latex or vinyl gloves (for maintenance activities)				
			May include: • ear defenders				
			hard hatface or eye protection				
			dust mask				
		State four precautions to be taken when attaching implements or loading/unloading materials	Precautions are: no other person should be between the tractor and the implement/machine				
		Todaling anioading materials	avoid entering danger zones (e.g. between implement and tractor when attaching or removing)				
			if using a remote linkage control the operator must not be in a position whereby injury may be caused by the tractor or implement				
Continued			a raised machine is supported before any work is carried out				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	_	AND		
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Cont			For safe lifting and manual handling:				
Contin			avoid manual handling where possible use mechanical aids				
Unit 207			use safe lifting techniques when lifting				
1.2							
		Candidate to state four legal	Any tractor driven on the highway must:				
		and safety requirements relating to the use of tractors	be road legal;				
		on or near a public highway	 have a current road fund licence (vehicle excise duty) 				
		or other area to which the public has access	have a minimum of third party insurance cover (to conform to Road Traffic Act requirements)				
			be driven by somebody holding a suitable, valid drivers licence				
			have an orange flashing beacon when driven on dual carriageways or other roads (subject to hazard and risk assessment)				
			comply with speed limits appropriate to type of				
			tractor				
			warning signs could be erected				
			police should be informed if there is going to be a lot of road use that may cause hold ups				
			Met ✓ Not Met X				
	Describe the capabilities of	Candidate to describe the	Capabilities of the tractor:				
Unit 207	the tractor and the expected efficiency of	capabilities of the tractor as indicated in the	horsepower (Hp) or Kilowatts (Kw)				
3.3	tractor operation	manufacturer's/	drawbar weight				
		operator's handbook in	towing capacity				
		relation to the attachments to be used during the	• implement size/weight				
		assessment	PTO speed(s)				
			hydraulic power output (for external services)				
			maximum working angles expressed as degrees				
			• fuel usage				
	I de atificitive a a af	Ctata favor avananlas af vikas	Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 207	Identify types of attachments that are safe	State four examples of when attachments are safe to use	Safe to use: undamaged and in good serviceable condition				
	to use and compatible with	and compatible	within the towing capacity of the tractor				
1.4	the tractor and those that are not		within the towing capacity of the tractor (with or without counterweights)				
			with compatible hitches				
			with the same type of PTO shaft				
			where the power requirement is within the				
			capacity of the tractor				
			hydraulic fittings are compatible				
			Met ✓ Not Met X	Ш	Ш	Ш	Ш
Unit 207	Describe different types of attachments and how they	Assessor to specify two types of attachment and ask	To include:				l
Offic 201	are secured	the Candidate to describe	rear mounted (hydraulically)				
1.3		how they are secured	• trailed				
			front mounted (hydraulically) mounted underneath/urapped around one side of				
			 mounted underneath/wrapped around one side of the tractor 				
			Methods of securing:				
			pins; drawbar pins, lynch pins				
			• bolts				
			chains/bars				
			pick-up hitches				
			hydraulic fittings are compatible				
			Met ✓ Not Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C/ A	AND B	IDA ⁻	TE D
HOMBER	Describe adjustment	Candidate to describe how	May include:	_	0		
Unit 207	requirements for different attachments and operations	they can be set up for operation and adjusted during operation	height/level in transport and working positionalterations using specific hydraulic controls;				
1.6	operations	operation	position				
			position or draft control forward tractor speed				
			PTO speed				
			angle of contact with soil (soil engaging implements)				
			Met ✓ Not Met X				
	Maintain the efficiency of	State three measures that	Measures may include:				
Unit 207	tractor and attachment performance through the	can be taken to ensure economic fuel use whilst still	effective use of engine speed control				
4.4	appropriate operation of	maintaining maximum	use of tractor meter and gear selection chart according to work to be done				
	the tractor	efficiency and work output	appropriate use of 4WD (if available)				
			use differential lock to prevent wheel slip				
			 weight transfer and correct selection and use of hydraulic services 				
			ensure appropriate tyre pressures for the task				
			condition of air filter				
			Met ✓ Not Met X				
	Explain the correct use and	Candidate to explain the	audible signals specific to tractor (if applicable)				
Unit 207	duration of warning signals and indicators	meaning of the warning signals and indicators	visual warning signals/lights specific to tractor				
1.7	and maloators	(appropriate to the tractor and	audible signals specific to the attachment (if applicable)				
		the attachment)	visual warning signals/lights specific to the				
			attachment (if applicable)				
			Met ✓ Not Met X				
Unit 207	List the required pre-start checks and adjustments	Candidate to verbally list the pre-start checks and	To include:				
Offic 207	(Safety Checks)	adjustments as	 frequency of checks as recommended is stated correct pre-use checks are stated 				
1.1		recommended in the operator's manual or in line	'				
		with organisational	Possible adjustments are specified which may include:				
		requirements	windows cleaned for vision (if applicable) mirrors adjusted for clear view				
			steering wheel adjusted to suit operator				
			seat adjusted to suit operator				
			Met ✓ Not Met X				
Unit 207	Carry out pre-start checks in accordance with	Candidate should use a checklist for this activity, it is	pre-start checks are undertaken in accordance with operators manual				
	standard procedures (Daily Maintenance	required to satisfy Unit 207 4.9	appropriate measures to ensure personal safety				
2.1	Checks)	4.9	are implemented				
			appropriate PPE worn whilst carrying out checks				
		All to be checked, commented upon or	The following are checked to ensure safety of operator and machine:				
		explained (as appropriate)	wheel nuts secure				
			visual inspection of the tyres carried out, condition stated, appropriate level of inflation confirmed				
			function of on/off control (lever or key switch)				
			correct function of all lights				
			correct function of indicators				
			condition/function of seat belt (if fitted)				
		All to be checked and commented upon	Following are checked to ensure efficient operation and longevity of machine:				
		·	fuel level is adequate				
			engine oil level is within acceptable limits				
			hydraulic oil level is within acceptable limits (if accessible/measurable)				
			coolant level is adequate (if appropriate)				
			engine air filter is clean and components parts are	_			_
Continued			in acceptable condition all sites requiring lubrication are adequately				
Continueu			lubricated				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDA [.]	TE D
	-		findings are reported				
Cont Unit 207			appropriate action is taken to remedy faults (within limits of responsibility)				
2.1		Verbal confirmation that the tractor complies with statutory guarding requirements must	Statutory guarding requirements: all moving parts, belts, pulleys and chains are guarded guarded				
		be given by the candidate	the guards are secure and undamaged				
			exhaust heat shield is in place and undamaged				
			the PTO shaft is guarded when attached				
			the PTO shaft is fully enclosed when not in use				
			Mounting/dismounting:				
			(usually backwards)				
			Met ✓ Not Met X				
Unit 207	Assist in maintaining records to meet	Candidate to complete one record in line with	Any of the following:				
01111 207	organisational	organisational requirements	completion of pre-use check sheet completion of tractor use log				
4.9	requirements	(Note: This could be the record of pre-start checks)	completion of post use check sheet/fault log				
		record or pro clare encode,	Met ✓ Not Met X	П	П		
	Describe the ways in which	Candidate to state one	When a differential lock could be used:	Ш	Ш		H
Unit 207 3.1	the tractor should be manoeuvred, and how different weather and ground conditions must be	occasion when it is appropriate to use the differential lock	when one wheel is losing traction when carrying out field operations, only when the tractor is in low gear				
	taken into account	Candidate to state when the	When the differential lock should not be used:				
		differential lock should not be used	• on the road				
			when attempting to negotiate cornerswhen one wheel is slipping fast				
		Candidate to describe how to	How to disengage a differential lock that does not				
		disengage a differential lock, that does not disengage	disengage automatically:	_	_	_	
		automatically	depress the clutch pedal				
			put the tractor into reverse press on brake pedal				
		Candidate to be assessed in the context of mounted and trailed implements, Candidate to:	proced on practice postal.				
		Candidate to state one	Hazards:				
		potential hazard of driving at speed	driving at speed increases risk of losing controlbraking distance is increased				
		State one precaution that can	Precautions may include:				
		be taken	avoid excessive speed				
			be aware of increased stopping distances and the need to brake earlier				
			using engine braking to slow the machine				
		State one potential hazard	Hazards:				
		when turning	risk of overturn				
			mounted implements swing and hit something trailed implements some into contact with the				
			trailed implements come into contact with the tractor or other objects				
		State one precaution that can be taken	Precautions: • avoid sharp turns				
			turns need to be taken slowly and make	_			
			allowance for the swing of an implement/machine make wider turns to accommodate				
			implement/attachment e.g. trailer				
		State one potential hazard when driving up or down a	Driving up or down slopes and precautions: tractor could stall or run away				
		slope	loss of traction				
Continued			harsh braking during descent could result in "jack- to fine"				
			knifing"	Ш	Ш	Ш	

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	C.	AND B	IDAT	TE D
		State one suitable control	Control measures:				
Cont		measure	appropriate low gear should be selected before encountering the slope				
Unit 207			do not de-clutch when coming down the slope				
			trailers should have an auxiliary braking system				
3.1		State two potential hazards	Hazards over rough ground:				
		caused by driving over rough ground	increased risk of load shifting				
		grama	 implement/trailer could become detached from tractor if it jumps around too much 				
			weight of attachment could lead to excessive "bouncing" causing possible driving injury				
		State two possible control	Control measures:				
		measures	maintain low speed to reduce "bouncing"				
			try to avoid pot holes and bumps				
			load should be secured to prevent movement				
		State two possible hazards when driving across a slope	Hazards on slopes include:				
		when driving across a slope	increased risk of load shifting trailer will tond to alide/bull downhill				
			trailer will tend to slide/pull downhill increased risk of rolling the tractor				
		State two possible control					
		State two possible control measures	Control measures include: maintain slow speed when driving across slopes				
			maintain allow speed when driving across slopes maintain a low centre of gravity (e.g. keep loading)				
			shovel close to ground)				
			use wide wheel track setting to improve stability of the tractor				
		State three factors that should be taken into account	Factors that should be taken into account when turning on a slope:				
	when turning on slopes	severity of the slope					
			stability of the tractor				
			direction of turn				
		empty	type of attachment (i.e. mounted trailed, full or empty)				
			Consequences of soil engaging implements becoming stuck include:				
		engaging implement	overturning of the tractor				
		becoming stuck	breaking shear bolts				
			damage to the implement				
		Candidate to describe two	Effects of weather conditions include:				
		effects of different weather and ground conditions	 rain reduces the mechanical integrity of soil, reduces traction, braking distances are longer 				
			snow and ice reduce grip and increase braking				
			distance				
			loose particles increase risk of skidding and loss of control, increase breaking distance				
		Candidate to state three precautions when	When driving or operating a compact tractor with a front mounted loader attached:				
		driving/operating a compact tractor with a front mounted	ensure equipment has adequate strength for the task				
		loader attached (if fitted)	awareness of overhead hazards				
			bucket kept low to the ground when moving				
			especially with a load loader should not travel on a highway when				
			loader should not travel on a highway when carrying a load				
		Candidate to state four precautions when	When driving or operating a compact tractor with a rear mounted back actor (hoe):				
		driving/operating a compact tractor with a rear mounted back actor (hoe) attached (if	ensure equipment has adequate strength for the task				
		fitted)	awareness of overhead hazards				
			awareness of underground hazards budgetties of children outended when "diagrae" to				
			 hydraulic stabilisers extended when "digging" to provide stability 				
			back actor in correct position when moving the				
			tractor				
			Met ✓ Not Met X	Ш	Ш	Ш	

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT	C	AND	IDA1	ΤE
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 207	Carry out preparation of tractor and attachments in accordance with health	Assessor to observe if appropriate measures are taken to ensure personal	To include: • appropriate PPE worn whilst preparing tractor and attachments				
2.6	and safety legislation and codes of practice	safety and that of others are implemented at all times	safety of others not compromised				
Unit 207	Ensure that attachments	Candidate to state two	Issues with incorrect lengths of hydraulic pipes:				
2.4	are compatible with tractor	dangers of allowing incorrect length of hydraulic pipes	 pipes could drag on the floor and be damaged pipes could catch on the rear wheels or on the link 				
2.4			arms during turning and be pulled out				
			 the pipe could be pinched when the trailer is tipped and dropped back onto its bed 				
		Candidate to state one	Dangers associated with clevis hitches may include:				
I		danger of coupling two double clevis hitches together	the clevis could become bent				
			the drawbar pin could bend or break				
		Candidate to state two	Factors to consider when adjusting the drawbar:				
		factors to consider when adjusting the length of the	when the drawbar is lengthened, the load capacity is the assected.				
	drawbar	 is decreased recommended load carrying capacity should be 	Ш				
		observed as stated in the operator's handbook increased length does not reduce recommended					
			clearance of the PTO (if being used)				
		Candidate to state two ways	Suitability of implement/machine:				
I		to ensure that the attachment is compatible with the tractor	checking the operator's manual for the tractor				
			 checking the power requirement for the implement/machine 				
		factors to consider when using linkage category conversions	Linkage compatibility:				
			 compatibility of categories between tractor and implement/machine 				
			 linkage balls changed according to manufacturer's instructions 				
			bushes and sleeves are used where appropriate				
			stepped pins are used if appropriate				
		Candidate to state four	When using a PTO shaft:				
		factors to consider when using the PTO shaft	the shaft is adequately lubricated				
			 there is appropriate overlap of the sliding shaft PTO shield (guard) must be in place 				
			the guards are in good condition				
			economy mode should be used (if available)				
			PTO shaft is compatible				
			Operate PT at the correct speed				
		Candidate to state two	Operation a PTO at the wrong speed:				
		consequences of operating a	excess wear on the implement				
		PTO at the wrong speed	excess vibration in the cab increased risk of				
			stones/debris being thrown up				
			implement may not achieve desired finish				
			Met ✓ Not Met X	Ш	Ш	Ш	닏
Unit 207	Explain the safe use of attachments	Explanations must be relevant to the tractor and	Safe use of the attachments: one implement/machine with PTO				
		attachments being used by	 one implement/machine with PTO a front mounted loader or rear mounted back 				
3.4		the candidate	actor(hoe) (if applicable)				
			Met ✓ Not Met X				

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CA	AND B	IDA ⁻	TE D
Unit 207	Use attachments safely at all times	Candidate to demonstrate cold starting procedures if the	To include:				
	an unios	engine is cold, or follow warm	engine is not under load before starting gears are in neutral				
4.5		starting procedures. (if warm, candidates should explain	PTO disengaged				
		the cold starting procedures)	hydraulic services are in neutral				
		procedures)	 engine started using correct procedures (cold or warm) 				
			cold starting procedures described (if applicable)				
		Candidate to demonstrate	check brake operations in accordance with	_			
		braking efficiency and comment on effectiveness of	operators handbook carry out brake test with brakes locked together				
		brakes. Assessors should be aware that different types of	on hard uniform surface				
		brakes give different braking	 check parking brake is engaged and operating correctly 				
		effects	braking efficiency commented upon				
		Candidate to demonstrate	To include:				
		correct procedure when leaving tractor and follow safe	safely mount tractor using hand and footholds				
		stop procedures	 hydraulic services are in neutral and implements lowered to the ground 				
			stop engine				
			remove ignition key safely dismount tractor using hand and footholds				
			(usually backwards)				
		Assessor to instruct	Hitching trailer:				
		Candidate to hitch up a trailer to a tractor and connect the	reverse tractor to align with trailer drawbar				
	hydraulic couplings (either an auto hitch or clevis hitch may	handbrake applied tractor gears put in neutral					
		be used)	hydraulic levers are in disengaged position and				
			the system is depressurised trailer is hitched properly and that the				
			catches/pins are properly secured				
		•	and my drading douplinings and drading				
			the trailer braking pipe if applicable)				
		•	trailer handbrake is released				
		Assessor is to instruct the Candidate to drive a tractor	Driving around a course:	_			
		and trailer around a course	select appropriate gear ensure take off is smooth				
		which is to include; negotiating corners, gear	drive at appropriate, safe speed for conditions				
		changing and reversing into a confined space (at least one	slow down at corners change gear smoothly				
		right angle)	change gear smoothly brake safely				
			manoeuvre safely with awareness of surroundings				
		A60 1.00 11	at all time				
		After completing the manoeuvring elements the	Demonstrate tipping: drive the trailer to the specified position for tipping				
		Assessor is to instruct the Candidate where to	reverse the trailer				
		demonstrate tipping	the area is checked for hazards; there are no overhead hazards, vertical jack-knifing cannot				
			occur, ground conditions are appropriate and				
			slope is not excessive tip the trailer				
			lower the trailer				
		Assessor is to instruct the	Parking and uncoupling the trailer:				
		Candidate where to park and uncouple the trailer safely	drive the trailer to the parking area, reverse into designated position				
			handbrake is applied				
			tractor is put into neutral gear				
			 hydraulic levers are in disengaged position and the system is de-pressurised 				
			the wheels are chocked (if applicable)				
			hydraulic pipes are disconnected and stored correctly				
Continued			trailer is unhitched				

Cont Unit 207 4.5 Assessor to instruct Candidate to attach one three point linkage PTO driven machine to the tractor and attach PTO shaft (e.g. mower) Attaching PTO machine: align tractor with implement ensure handbrake is applied before leaving cab attach the links using any safe method engine is stopped prior to removing PTO stub cover fit PTO shaft to tractor secure PTO guards and chains check that there is sufficient clearance between the PTO shaft and drawbar top link adjusted to level implement/machine (as	A	B	C	D
Candidate to attach one three point linkage PTO driven machine to the tractor and attach PTO shaft (e.g. mower) 4.5 Candidate to attach one three point linkage PTO driven machine to the tractor and attach PTO shaft (e.g. mower) align tractor with implement ensure handbrake is applied before leaving cab attach the links using any safe method engine is stopped prior to removing PTO stub cover fit PTO shaft to tractor secure PTO guards and chains check that there is sufficient clearance between the PTO shaft and drawbar top link adjusted to level implement/machine (as				
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cover • fit PTO shaft to tractor • secure PTO guards and chains • check that there is sufficient clearance between the PTO shaft and drawbar • top link adjusted to level implement/machine (as				
 secure PTO guards and chains check that there is sufficient clearance between the PTO shaft and drawbar top link adjusted to level implement/machine (as 				
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the PTO shaft and drawbar top link adjusted to level implement/machine (as				
top link adjusted to level implement/machine (as				l
appropriate)				
lower links levelled				
eliminate undue side play, by adjusting check				
chains/links to give appropriate amount of				
sideways movement				
Assessor is to instruct the When detaching a three point linkage mounted				
Candidate where to detach implement:				
the implement • move tractor to the selected site				
position implement on level site				
ensure handbrake is applied before leaving cab				
use jacks/stands as appropriate				
engine is stopped prior to removing PTO shaft				
the PTO stub guard is attached				
check chains/bars are released				
all links, pins etc are stored appropriately				
The assessor is ask the Front mounted Loader:				
candidate to describe how to				
attach either a front mounted				
loader or rear mounted back actor (hoe) (if fitted) • ensure nanobrake is applied before leaving cab • adjust alignment as necessary to facilitate				_
insert pins/bolts and secure them (lynch pins or				
nuts) into sub frame attachment (as applicable to				_
loader) • insert pins/bolts and secure them (lynch pins or				
nuts) into arms (as applicable to loader)				
hydraulic levers are in disengaged position and				_
the system is de-pressurised				
attach rear counter balance weights (if	_	_		_
appropriate)				
or				
Rear mounted Back Actor(Hoe)				
engine is stopped prior to removing PTO stub				
fit PTO shaft to tractor				
secure PTO guards and chains				
top link adjusted to level implement/machine (as	_	_	_	_
eliminate undue side play, by adjusting check chains/links				
hydraulic levers are in disengaged position and	_	1		
the system is de-pressurised				
connect the hydraulic couplings				
Continued • attach front mounted weights (if appropriate)				
				<u> </u>

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	A	AND B	IDA [*]	TE D
Cont		Assessor to observe the use of two attachments (attachment one appropriate	attachment one with (PTO): used safely at all times attachment two: a trailer used safely at all times				
Unit 207 4.5		to the role of the operator and use of the tractor) to include PTO operation	front end loader or back hoe (if fitted) Met ✓ Not Met X				
Unit 207	Make sure attachments are secure and safe	Candidate to ensure the attachment is secure and	drawbar does not catch on implement/machine				
2.5		safe	there is an appropriate distance between the drawbar and PTO and it will not foul when the machine is lowered for work				
			the top link is an appropriate length, adjusted equally with sufficient thread engaged for security and the turnbuckle is locked in place after adjustment				
			all linkage/securing pins are fit for use, not bent or excessively worn and are locked into place securely				
			Met ✓ Not Met X				
Unit 207 4.2	Assess and modify operating procedures to take into account any changes in weather and ground conditions, and types of terrain	Assessor to observe how the candidate operates the tractor and modifies his/her technique throughout the assessment	Observed: ■ modification of technique Met ✓ Not Met X				
Unit 207 4.7	Operate tractor in accordance with current health and safety legislation, and codes of	Assessor to observe all activities and determine if the Candidate has met criterion	Observed: current health and safety legislation and codes of practice				
	practice Carry out all work activities	Assessor to observe all	Met ✓ Not Met X Observed:		Ш	닏	\perp
Unit 207 4.8	to meet current environmental and legislative requirements	activities and judge compliance	 environmental requirements legislative requirements 				
	A	Assessor to judge how	Met ✓ Not Met X				
Unit 207 4.3	Assess and deal with any hazards and obstacles encountered during the operation in accordance with standard practice	Candidate assessed hazards and obstacles and dealt with them	To include: • hazards assessed • hazards dealt with • obstacles assessed • obstacles dealt with Met ✓ Not Met X				
Unit 207	Carry out adjustments to attachment in accordance	Assessor to provide instructions to meet the	adjustments made to implements/machines (as				
2.2	with instructions to meet operational requirements	operational requirements, adjustments to be made that are appropriate to the implement/machine by the Candidate	required to the task) Met ✓ Not Met X				
Unit 207 4.1	Conduct all movements of the tractor safely, and consistent with the type of tractor, attachment and	Assessor to observe all movements during the assessment	To include: tractor moved safely at all times attachments attached and moved safely operation of implements/attachments safe and				
	operation		efficient Met ✓ Not Met X				
Unit 207	List the reasons why the tractor should be left in a condition suitable for future	Candidate to state two reasons why a tractor should be left in a condition suitable	 so it is ready for use when required a fault may not be noticed by another operator 				
3.5	use	for use	avoids excessive down time due to breakdowns Met ✓ Not Met X				

CRITERIA	ASSESSMENT	ASSESSOR	ASSESSMENT		CANDIDATE		
NUMBER	CRITERIA	GUIDANCE	ACTIVITIES	Α	В	С	D
Unit 207	Leave the tractor safe after use and in a condition	Candidate to state two reasons for regularly cleaning	Reasons for cleaning the tractor include: tractor and implements are cleaned to:				
4.0	suitable for its future use	the tractor after use	prevent corrosion				
4.6			facilitate maintenance and adjustments				
			prevent personal contamination				
			 prevent hazardous operating conditions 				
			 prevent soiling of roads 				
		Candidate to state three factors to consider when	Ways to clean the tractor:				
		cleaning the tractor and to	correct PPE used (relating to type of cleaning)				
		relate method(s) to type of	identify a suitable site				
		debris	 unwanted debris removed safely using an appropriate method: compressed air, brush and water (pressure washer) 				
			dispose of waste material according to legislative requirements and company policy				
		Candidate to state two	Reasons for checking a tractor after use include:				
		factors to consider when inspecting the tractor after	tractor is inspected for damage, missing components and wear				
		use	 use operator's handbook as appropriate 				
			 findings reported to appropriate person 				
			checks are carried out to ensure defects have been corrected before tractor is used again				
			Met ✓ Not Met X				

Summary of Assessmen	t (The)	Assessor is	to com	plete the	following 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:							
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.								
I observed an assessment process taking place. The following were noted as areas of concern.								
C: -	ned:	Date:						