CITY & GUILDS NPTC LEVEL 2 AWARD IN FOREST MACHINE OPERATIONS – BASE MACHINE WITH CABLE CRANE (QCF) 600/9745/0

QUALIFICATION GUIDANCE

Independent 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 2 0	Forestry and Arboriculture Level 2
Qualification Programme No	0 0 2 0 - 4 4	Award in Forest Machine Operations – Base Machine With Cable Crane
Unit	2 0 8	Prepare and Operate a Base Machine
	2 1 2	Prepare and Operate a Cable Crane for Timber Extraction
Endorsement(s)	0 0 1	Under 2.5 tonne Tracked
	0 0 2	Over 2.5 tonne Tracked
	0 0 3	Under 2.5 tonne Wheeled Articulated
	0 0 4	Over 2.5 tonne Wheeled Articulated
	0 0 5	Under 2.5 tonne Wheeled Rigid
	0 0 6	Over 2.5 tonne Wheeled Rigid
	0 0 7	Skyline
	0 0 8	High lead
Learning Time (LT)	2 0 8	LT 35 (4 Credits)
	2 1 2	LT 70 (7 Credits) *(* see note on page 2)*
Recommended Assessment Duration		5 – 7 hours per Candidate

City and Guilds Level 2 Award in Forest Machine Operations – Base Machine with Cable Crane (QCF)
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.

What is the Qualifications and Credit 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 **two** compulsory units:

Unit 208 Prepare and Operate a Base Machine

Outcome:
1. Be able to work safely (B1)
2. Be able to prepare and drive the machine (B2)
3. Know how to prepare and drive machine (B3)
4. Know relevant health and safety legislation and industry good practice (B4)

Endorsement: The assessment may be taken on a machine with any type of machine that is

001	Under 2.5 tonne Tracked
002	Over 2.5 tonne Tracked
003	Under 2.5 tonne Wheeled Articulated
004	Over 2.5 tonne Wheeled Articulated
005	Under 2.5 tonne Wheeled Rigid
006	Over 2.5 tonne Wheeled Rigid

Unit 212 Prepare and Operate a Cable Crane for Timber Extraction

Outcomes
1. Be able to work safely (C1)
2. Be able to select and prepare machinery and site (C2)
3. Be able to set up a cable crane (C3)
4. Know relevant health and safety legislation and industry good practice (C4)
5. Know how to set up a cable crane (C5)

Endorsement: The assessment may be taken on a machine with any type of:

001	Skyline
002	High lead

Candidates must successfully achieve **all** assessment activities in the above units.

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

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). 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:

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. 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 operator's manual should be available for the Candidate to use during the assessment if required.

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.

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 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 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 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

Safe Practice:

1. Assessors must hold a current 'First Aid at Work' Certificate.
2. It is strongly recommended that Candidates hold at least a recent, recognised 'Emergency First Aid' Training Certificate.
3. All forest machines used in the assessments must comply with relevant Arboriculture and Forestry Advisory Group (AFAG) Safety Guides
4. Candidates should be familiar with the machine that they are going to operate.
5. Appropriate Personal Protective Equipment (PPE) must be worn at all times.
6. A First Aid kit meeting current regulations, of the appropriate size for the number of persons on site, must be available.
7. The Assessor must ensure a Risk Assessment is carried out, and sufficient control measures implemented.
8. Any necessary permissions must have been granted, and notifications made as appropriate: (e.g. Forestry Commission, Forest Enterprise, Private owners etc).
9. All equipment being used for this assessment must comply with relevant requirements of the Provision and Use of Work Equipment Regulations (PUWER) 1998 and Lifting Operations and Lifting Equipment Regulations (LOLER) 1998.
10. Information may be sought from the relevant operator manuals or any other appropriate training or safety publication.
11. Provision must be made to avoid the risk of environmental pollution and adequate control measures must be implemented. (a suitable response kit to be available on the machine)
12. It is the responsibility of the Assessor and the Candidate to ensure that any additional requirements and provisions are met as relevant to this qualification.
13. Whenever the Candidate leaves the base machine, the parking brake must be applied.
14. When the Base Machine is parked and left unattended, or any attachments/detachments of equipment, must carry out the safe stop procedure.
15. The Base Machine must be operated in such a way that the Candidate, Assessor, other persons or equipment are not endangered.
16. All ancillary equipment, when detached must be left in a safe and stable condition.
17. Candidates must comply with current regulations when working at heights regulations 2005 amended
18. The assessment is carried out in accordance with the safety guidelines laid down in Arboriculture and Forestry Advisory Group (AFAG) Safety Guides, Health and Safety publications and current machinery directives.
19. 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
20. Initial tonnage is done on unladen weight

Validation of Equipment:

Any Base Machine complying with industry guidance and European directives is acceptable for the test, provided it is suitably equipped for **all** assessment activities to be carried out. Where a ROPs structure is fitted, an operator seat restraint is in place and functional.

Any machine that can lift or suspend the load above the operator, who isn't protected by adequate/suitable FOPS and OPS, will be required to produce a current LOLER certificate to the Assessor

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City & Guilds is a registered charity established to promote education and training

Candidate A	Name:	Date:	Start Time:	Duration:

Candidate B	Name:	Date:	Start Time:	Duration:

Candidate C	Name:	Date:	Start Time:	Duration:

Candidate D	Name:	Date:	Start Time:	Duration:

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
4.4/4.2 **B & C4**	Outline the emergency planning and lone working procedures relevant to the working area	The Candidate to state **five** factors in emergency planning	Emergency planning procedures for a site could include				
			• location name	☐	☐	☐	☐
			• grid reference	☐	☐	☐	☐
			• designated meeting place	☐	☐	☐	☐
			• site location name	☐	☐	☐	☐
			• nearest access point	☐	☐	☐	☐
			• street name/district	☐	☐	☐	☐
			• type of access	☐	☐	☐	☐
			• suitable helicopter landing area	☐	☐	☐	☐
			• phone number of nearest doctor	☐	☐	☐	☐
			• location and phone number of nearest accident and emergency hospital	☐	☐	☐	☐
			• works manager contact details	☐	☐	☐	☐
			• your own contact number	☐	☐	☐	☐
		State **two** factors of lone working	Lone working				
			• effective communication system	☐	☐	☐	☐
			• fail to safe system	☐	☐	☐	☐
			• reporting in times	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
1.1 **B & C1**	Identify the hazards and risks associated with the working area, the proposed work and the machine	The Candidate to state **four** hazards and **three** risks with the working area/work to be done	Identify hazards (anything with the potential to cause harm) and risks (who might be harmed), relevant to:				
			The work area/work to be done				
			Hazards				
			• power lines	☐	☐	☐	☐
			• terrain	☐	☐	☐	☐
			• access routes	☐	☐	☐	☐
			• chain shot	☐	☐	☐	☐
			• risk zones	☐	☐	☐	☐
			• struck by timber	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Risks				
			• operator	☐	☐	☐	☐
			• others on site	☐	☐	☐	☐
			• public	☐	☐	☐	☐
			• other machine operators	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
1.1 cont…		The Candidate to state **four** hazards and **three** risks for the machine	The machine Hazards				
			• struck by machine	☐	☐	☐	☐
			• access and egress	☐	☐	☐	☐
			• moving parts	☐	☐	☐	☐
			• hot surfaces	☐	☐	☐	☐
			• working at heights	☐	☐	☐	☐
			• high pressure fluids	☐	☐	☐	☐
			• other ______________________________	☐	☐	☐	☐
			Risks				
			• public	☐	☐	☐	☐
			• operator	☐	☐	☐	☐
			• environment	☐	☐	☐	☐
			• other ______________________________	☐	☐	☐	☐
			Met✓ Not Met X	☐	☐	☐	☐
1.2 **B & C1**	Use appropriate tools, equipment and personal protective equipment (PPE)	Assessor to observe appropriate tools, equipment and PPE are used in accordance to industry good practice **All** applicable to the task at hand	• All tools, equipment and Personal Protective Equipment are used in line with industry good practice e.g. AFAG/HSE.	☐	☐	☐	☐
			• During all on site operations PPE in accordance with industry good practice must be worn.	☐	☐	☐	☐
			Personal Protective Equipment identified could include:				
			• safety helmet (if required)	☐	☐	☐	☐
			• hearing protection (where needed)	☐	☐	☐	☐
			• suitable protective gloves	☐	☐	☐	☐
			• protective boots	☐	☐	☐	☐
			• non snag outer clothing	☐	☐	☐	☐
			• high visibility clothing where risk assessment identifies it	☐	☐	☐	☐
			• hand cleaning materials	☐	☐	☐	☐
			• first aid kit	☐	☐	☐	☐
			• other ____________________________	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
4.1 **B & C4**	Outline key health and safety legislation and industry good practice	The Candidate to state **two** relevant points of **each** of the following: Health and Safety at Work Act (HSWA) (1974)	Outline key points from the legislation listed below: Health and Safety at Work Act (HSWA) (1974) –				
			• general duties for employers and employees	☐	☐	☐	☐
			• maintain safe places of work	☐	☐	☐	☐
			• other ______________________________	☐	☐	☐	☐
		Provision and Use of Work Equipment Regulations 1998 (PUWER 98)	Provision and Use of Work Equipment Regulations 1998 (PUWER 98) –				
			• record keeping	☐	☐	☐	☐
			• operators adequately trained	☐	☐	☐	☐
			• equipment fit for purpose	☐	☐	☐	☐
			• other ______________________________	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
4.1 cont…		Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (RIDDOR)	Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (RIDDOR)				
			• reporting of accidents	☐	☐	☐	☐
			• reporting of dangerous occurrences	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		Working at Heights	Working at Heights				
			• adequate precautions taken for safe working procedures	☐	☐	☐	☐
			• any height constitutes working at heights	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		Control of Substances Hazardous to Health *(*COSHH*)* Regulations (2002)	Control of Substances Hazardous to Health *(*COSHH*)* Regulations (2002)				
			• correct PPE to be identified	☐	☐	☐	☐
			• correct storage and application	☐	☐	☐	☐
			• disposal	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		State **two** sources of industry good practice information	Industry Good Practice				
			• Arboriculture Forestry Advisory Group (AFAG) information	☐	☐	☐	☐
			• Health and safety in forestry	☐	☐	☐	☐
			• Forest and water guidelines	☐	☐	☐	☐
			• Operators manual	☐	☐	☐	☐
		State **two** procedures to be followed when machine contacts power line	Line contact possible procedures:				
			• where possible, drive away to safe area	☐	☐	☐	☐
			• if safe, stay in machine and contact power company/supervisor	☐	☐	☐	☐
			• jump from machine, bunny hop as far as possible	☐	☐	☐	☐
		State **four** factors regarding working near power lines	Power lines				
			• designated crossing point (goal posts)	☐	☐	☐	☐
			• liaison with power companies	☐	☐	☐	☐
			• site maps	☐	☐	☐	☐
			• AFAG	☐	☐	☐	☐
			• electricity at work	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
4.3 **4**	Describe the types of records that may be required for management and legislative requirements	The Candidate to state **two** types of record keeping to meet PUWER	Records:				
			• logbook	☐	☐	☐	☐
			• service logbook	☐	☐	☐	☐
			• maintenance schedule	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
4.2 **4**	State why it is important to maintain good communication and team work within the working environment	State **One**	Importance of communication could include:				
			• health and safety	☐	☐	☐	☐
			• site planning/co-ordination	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
3.1 **B3**	State the safety requirements and routine checks required for the machine	**All** required	Level ground				
			• all fluid levels can be accurately checked	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Machine Services				
			• security	☐	☐	☐	☐
			• unauthorised third party operation	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Cleanliness				
			• personal contamination	☐	☐	☐	☐
			• system contamination	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Adjustment				
			• ergonomics	☐	☐	☐	☐
			• visibility	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Restraint systems				
			• personal safety	☐	☐	☐	☐
			• HSE requirement	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Operator protection systems				
			• roll over protective structure (ROPS)	☐	☐	☐	☐
			• falling object protective structure FOPS)	☐	☐	☐	☐
			• operator protection structure (OPS)	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Access and Egress				
			• operator safety	☐	☐	☐	☐
			• PUWER	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Either				
			Wheeled				
			Tyre pressure and ballast				
			• tyre dealers recommendations	☐	☐	☐	☐
			• operators handbook	☐	☐	☐	☐
			• stability	☐	☐	☐	☐
			• traction aids	☐	☐	☐	☐
			• band tracks of chains	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Wheel nuts				
			• visually	☐	☐	☐	☐
			• torque wrench	☐	☐	☐	☐
			• operators handbook	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
3.1 cont…			**OR** **Tracked** Track Drive Train				
			• track will come off	☐	☐	☐	☐
			• track will break	☐	☐	☐	☐
			• lack of traction	☐	☐	☐	☐
			• premature wear	☐	☐	☐	☐
			• long term damage	☐	☐	☐	☐
			• other ____________________________	☐	☐	☐	☐
			Tension criteria				
			• according to manufacturers recommendations	☐	☐	☐	☐
			• other ____________________________	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
2.1 **B2** **2.1** **CC2**	Carry out pre and post-start checks of the machine consistent with environmental good practice and manufacturers recommendations Carry out pre-start checks and routine maintenance on • Drive system • Winches • Wire ropes • Chokers	Assessor to observe candidate carrying out the pre and post start checks of the machine Candidate to comment on machines serviceability Assessor is to use their own discretion as to whether a seat belt/lap restraint is to be worn during assessment	Pre and post start checks on base machine according to the operators handbook and to include:				
			• machine on level ground	☐	☐	☐	☐
			• ensure machine services in neutral and lowered where applicable	☐	☐	☐	☐
			• engine stopped and key removed	☐	☐	☐	☐
			• check engine oil, transmission/hydraulic oil, coolant and fuel level, engine air filter	☐	☐	☐	☐
			• importance of cleanliness	☐	☐	☐	☐
			• seat, steering mechanism and mirror adjustment	☐	☐	☐	☐
			• operator seat restraint is functional (where applicable)	☐	☐	☐	☐
			• check operator protection systems	☐	☐	☐	☐
			• check relevant access and egress points	☐	☐	☐	☐
			• radiators (coolant and hydraulic)	☐	☐	☐	☐
			• fuel filters and/or water trap	☐	☐	☐	☐
			• grease where and when appropriate	☐	☐	☐	☐
		Assessor to observe candidate adhering to environmental best practice and COSHH regulations	Chassis/ Frame				
			• cracks	☐	☐	☐	☐
			• pin security	☐	☐	☐	☐
			• bushes	☐	☐	☐	☐
			• cylinders	☐	☐	☐	☐
			• attachment	☐	☐	☐	☐
			• loose or broken bolts	☐	☐	☐	☐
			• cables and connections	☐	☐	☐	☐
			• guarding	☐	☐	☐	☐
			Hydraulic hoses				
			• leaks	☐	☐	☐	☐
			• cracks	☐	☐	☐	☐
			• cuts	☐	☐	☐	☐
			• abrasions	☐	☐	☐	☐
			• security	☐	☐	☐	☐
			• guarding	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
2.1 cont…			**Either**				
			Wheeled				
			• tyre suitably inflated	☐	☐	☐	☐
			• tyre condition	☐	☐	☐	☐
			• check wheel nuts	☐	☐	☐	☐
			OR				
			Tracked				
			• track drive train condition and maintenance are checked	☐	☐	☐	☐
			• pins (if applicable)	☐	☐	☐	☐
			• sprocket	☐	☐	☐	☐
			• idler	☐	☐	☐	☐
			• track plates/pads (if applicable)	☐	☐	☐	☐
			• tension criteria	☐	☐	☐	☐
			Environmental considerations:				
			• disposal	☐	☐	☐	☐
			• storage of oils on site	☐	☐	☐	☐
			• spill kit mats used	☐	☐	☐	☐
		MACHINE SPECIFIC and according to operators handbook **All** required Assessor to observe	Drive system				
			• PTO (power take off)	☐	☐	☐	☐
			• chains and sprockets	☐	☐	☐	☐
			• hydraulic coupling	☐	☐	☐	☐
			• leaks	☐	☐	☐	☐
			• pipe condition	☐	☐	☐	☐
			• guarding	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Winches				
			• guarding	☐	☐	☐	☐
			• security	☐	☐	☐	☐
			• control mechanisms identified	☐	☐	☐	☐
			• drum condition	☐	☐	☐	☐
			• correct wire rope termination	☐	☐	☐	☐
			• brake and clutch condition	☐	☐	☐	☐
			• check oil levels and other fluid levels	☐	☐	☐	☐
			• lubrication (if applicable	☐	☐	☐	☐
			• greasing (if applicable)	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Wire ropes				
			• certificated	☐	☐	☐	☐
			• appropriate weight rating	☐	☐	☐	☐
			• inspect and report on condition	☐	☐	☐	☐
			• type/construction	☐	☐	☐	☐
			• diameter appropriate to task	☐	☐	☐	☐
			• appropriate and acceptable condition of splicing	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
2.1 cont…			Chokers				
			• inspected	☐	☐	☐	☐
			• type/construction	☐	☐	☐	☐
			• appropriate to task	☐	☐	☐	☐
			• compatibility with carriage	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		Candidate to comment on access and egress as well as carry out good industry practise	Access and egress (where applicable)				
			• hand rails	☐	☐	☐	☐
			• steps	☐	☐	☐	☐
			• anti slip surfaces	☐	☐	☐	☐
			• lock out system	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.3 **B3**	State the factors that may cause the cooling system to overheat	Candidate to state **four**	Factors that may cause the cooling system to over heat may include:				
			• fan belt slack	☐	☐	☐	☐
			• radiator core blocked	☐	☐	☐	☐
			• radiator fins blocked	☐	☐	☐	☐
			• faulty thermostat	☐	☐	☐	☐
			• cylinder fins spaces blocked (air cooled only)	☐	☐	☐	☐
			• low fluid levels	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.4 **B3**	Describe how to check the battery(s) and report on the condition	State how to clean battery terminals	• use of hot water	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		State **three** reasons that could cause a battery to explode	Battery could explode due to:				
			• excessive charge rate	☐	☐	☐	☐
			• charger not switched off before connection or disconnection while on charge	☐	☐	☐	☐
			• sparks near gas outlet	☐	☐	☐	☐
			• involuntary earthing of the battery	☐	☐	☐	☐
			• incorrect fitting of jump leads from machine to machine or power pack	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		State **three**	• battery is secured	☐	☐	☐	☐
			• leads connected and checked for damage	☐	☐	☐	☐
			• terminals cleaned satisfactorily	☐	☐	☐	☐
			• anti-corrosion grease put on leads and terminals when reconnecting	☐	☐	☐	☐
			• bolts are tight but not over-tightened	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
3.5 **B3**	Explain the safe procedure to follow for detecting leaks in high pressure hydraulic systems	Candidate to explain the safe procedure for detection	Safe procedure for detection may include: • hands not used for detection of leak • use a piece of card or paper • other _____ **Met ✓ Not Met X**	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐
3.6 **B3**	Explain the procedure to follow when replacing a hydraulic hose	Candidate to identify **all** procedure for replacing a hydraulic hose	According to the operators manual and to include: • appropriate PPE identified • use of spill kit • hydraulic system lowered and pressure • relieved • importance of cleanliness • vacuum pump (if fitted) • shut off valve (if fitted)	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐
		Correct amount of tools chosen	Tools: • spanners x 2	☐	☐	☐	☐
		Identify the **four** main criteria for a replacement hose	Criteria for hose replacement • pressure rating • length • end fittings • bore • referred to operators manual	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐
		What factors need to be taken into account when fitting the new hose	• new hose fitted ensuring inside of hose and joints are clean • correctly routed not twisted • switch off vacuum pump (if fitted) • open valve (if fitted) • hydraulic oil topped up and checked as required • start machine • operate function • check for leaks • clean up spill kit • re-check oil level	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
		Environmental considerations	• bagged and labelled • licensed disposal • recycle • other _____ **Met ✓ Not Met X**	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐
3.2 **B3**	Explain the function of all controls and how to interpret instrument readings	The Candidate to explain the controls inside the cab and what are their functions	Refer to operators manual The function and setting of the following controls: • starting devices, including cold start • engine speed control • stop control • check function of emergency stop • gear selection • clutch	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
3.2 cont…			• differential lock (where applicable)	☐	☐	☐	☐
			• PTO lever engagement and speed range selector (where applicable)	☐	☐	☐	☐
			• brakes (independent and parking) and remote braking device if fitted	☐	☐	☐	☐
			• hydraulic controls	☐	☐	☐	☐
			• draft control (as applicable)	☐	☐	☐	☐
			• position control (as applicable)	☐	☐	☐	☐
			• other controls provided	☐	☐	☐	☐
			• external services	☐	☐	☐	☐
			• lights, direction indicators, horn, screen wash/wipe, heating and ventilation controls and any safety warning device (where applicable)	☐	☐	☐	☐
		State the instruments inside the cab, what are they and how should they be interpreted	• tractormeter and associated chart (if applicable)	☐	☐	☐	☐
			• oil pressure gauge (or warning light)	☐	☐	☐	☐
			• battery condition indicator or warning light	☐	☐	☐	☐
			• other warning lights (as applicable)	☐	☐	☐	☐
			• reversing aid (if applicable)	☐	☐	☐	☐
		What action should be taken in the event of a warning light coming on What action should be taken to maintain/check the fire fighting system is operational	• refer to operators manual	☐	☐	☐	☐
			• fire fighting system(s) tested (if fitted)	☐	☐	☐	☐
			• fire extinguishers maintained, checked and in date	☐	☐	☐	☐
			• access and egress points in the event of an emergency	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
2.2 **B2**	Carry out safe access and egress	Assessor to visually observe safe access and egress	• Candidates must demonstrate safe access and egress from machine using the hand and foot holds provided and facing into the cab (3 points of contact) **Met ✓ Not Met X**	☐	☐	☐	☐
4.6 **B + C4**	Describe the correct methods for disposing of waste	The Candidate to state **one** method	Disposal of waste from workplace activities may include: • waste oils placed in approved containers for disposal	☐	☐	☐	☐
			• use of designated waste/recycle bins	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
4.5 **B + C4**	Describe how environmental damage can be caused and minimised	**Three** causes	Environmental damage may be caused by: • incorrect storage of fuel and oil	☐	☐	☐	☐
			• defective machinery	☐	☐	☐	☐
			• poor work practice	☐	☐	☐	☐
			• oil and fuel spillages	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
		Three preventions	Environmental damage may be prevented by: • following principals of industry good practice	☐	☐	☐	☐
			• good housekeeping	☐	☐	☐	☐
			• appropriately trained operators	☐	☐	☐	☐
			• spill kits are available	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
5.1 **C5**	Explain the purpose and comment on condition of all the rigging components used in the operation	**All** required	Components to include:				
			Strops				
			• appropriate weight rating	☐	☐	☐	☐
			• correct length	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			Shackles				
			• appropriate weight rating	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			Anchor ropes				
			• appropriate weight rating	☐	☐	☐	☐
			• correct length	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			Kuplex ring (if appropriate)				
			• appropriate weight rating	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			Hand winches (where appropriate)				
			• appropriately rated	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			• shear pin	☐	☐	☐	☐
			• handle	☐	☐	☐	☐
			• other ________________________________	☐	☐	☐	☐
			Pulleys				
			• appropriate weight rating	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			• certificated	☐	☐	☐	☐
			Carriage				
			• appropriate weight rating	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			• locking/braking device (if fitted)	☐	☐	☐	☐
			Correct end termination				
			• clamps/clips	☐	☐	☐	☐
			• snap link set	☐	☐	☐	☐
			• other ________________________________				
			•	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
5.1 cont…			Supports				
			• appropriate weight rating	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• size	☐	☐	☐	☐
			• compatibility with carriage	☐	☐	☐	☐
			• other ________________________________	☐	☐	☐	☐
			Tower				
			• straightness	☐	☐	☐	☐
			• inspected	☐	☐	☐	☐
			• type	☐	☐	☐	☐
			• security	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
4.3 **C4**	Explain why it is important to maintain good communication and team work within the working environment	State **One**	Importance of communication could include				
			• health and safety	☐	☐	☐	☐
			• site planning/co-ordination	☐	☐	☐	☐
			• other ________________________________	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
2.3 **B2**	Carry out the operation on site in a safe, effective and efficient way	Assessor to observe the candidate carrying out correct starting techniques in accordance to manufacturers recommendations	Start engine				
			• isolator switch engaged	☐	☐	☐	☐
			• parking brake applied	☐	☐	☐	☐
			• gears in neutral	☐	☐	☐	☐
			• clutch pedal depressed (if applicable)	☐	☐	☐	☐
			• PTO disengaged (if applicable)	☐	☐	☐	☐
			• hydraulic services in neutral (if applicable)	☐	☐	☐	☐
			• start	☐	☐	☐	☐
		Assessor to observe the candidate drive the machine turning left and right, reverse, park, switch off and exit	Candidate to drive machine:				
			• safe access	☐	☐	☐	☐
			• start in accordance with manufacturers recommendations	☐	☐	☐	☐
			• appropriate gear selection	☐	☐	☐	☐
			• smoothness of take off	☐	☐	☐	☐
			• drive in a straight line	☐	☐	☐	☐
			• left and right turn	☐	☐	☐	☐
			• reverse (if applicable)	☐	☐	☐	☐
			• appropriate speed for conditions	☐	☐	☐	☐
			• appropriate use of brakes	☐	☐	☐	☐
			• safe position on site chosen	☐	☐	☐	☐
			• controls and attachments in neutral and lowered to the ground	☐	☐	☐	☐
			• parking brake applied and effective	☐	☐	☐	☐
			• safe egress	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
2.3 cont…		Assessor to visually observe the candidate carrying out correct shutting down techniques in accordance to manufacturers recommendations	Stop engine				
			• allow engine to idle	☐	☐	☐	☐
			• lower and disengage hydraulic services and PTO	☐	☐	☐	☐
			• gears in neutral and parking brake applied	☐	☐	☐	☐
			• shut down electrical services/computer	☐	☐	☐	☐
			• disengage ignition and remove key	☐	☐	☐	☐
			• disengage and remove isolator switch	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
2.2 **C2**	Carry out site survey on assessment site	The site can be clear fell or thinning	Site survey to include identifying				
			• a straight rack	☐	☐	☐	☐
			• suitable supports (if applicable)	☐	☐	☐	☐
			• suitable anchors	☐	☐	☐	☐
			• overhead hazards	☐	☐	☐	☐
			• suitable position of base suitable to rack	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
5.2 **C5**	State the factors to be taken in to account when setting up a cable crane on different site types	**All** required	• uphill	☐	☐	☐	☐
			• downhill	☐	☐	☐	☐
			• convex	☐	☐	☐	☐
			• concave	☐	☐	☐	☐
			• thinning / clear fell	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
5.3 **C5**	State the reasons when it would be acceptable to use off set winching	**One** reason	• steep downhill extraction	☐	☐	☐	☐
			• topography	☐	☐	☐	☐
			• other _____	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.1 **C3**	Erect the tower	Assessor to observe	• erect, stabilise and true up the main tower	☐	☐	☐	☐
			• suitable anchor points selected	☐	☐	☐	☐
			• correct angle and distance of tower supports	☐	☐	☐	☐
			• winch drum horizontal	☐	☐	☐	☐
			• secure locking devices	☐	☐	☐	☐
			• cable wear	☐	☐	☐	☐
			• damage and fatigue	☐	☐	☐	☐
			• correct locking procedure (if applicable)	☐	☐	☐	☐
		Identify suitable anchor points	Anchor points				
			• select suitable anchor points	☐	☐	☐	☐
			• install appropriate ground anchors (if appropriate)				
			• spikes	☐	☐	☐	☐
			• plates	☐	☐	☐	☐
			• screws	☐	☐	☐	☐
			• deadman	☐	☐	☐	☐
			• other machine	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
5.4 **C5**	Explain the use of a straw line		• reduce manual handling • pulling haul back rope around system **Met ✓ Not Met X**	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐
3.2 **C3**	Rig straw line	Assessor to observe	• identify route of haul back rope • install strops and pulley blocks correctly using tie backs where necessary • thread the straw line around system • pull haul back line around the system • stow straw line correctly **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐
5.5 **C5** 3.3 **C3**	Explain how to rig the tail spar tree Rig tail spar tree	Range of equipment used for rigging is at the assessor discretion In front or behind spar tree to be explained	Suitable tree selected • in line with the tower • suitable height • suitable girth • adequate root system • suitable back anchor points available Equipment required • strops • kuplex rings • shackles • back anchor ropes • anchoring system Access equipment • ladder • climbing spikes • rope and harness • other ______________________________ Rigging layout **Skyline** • in front of spar tree • behind spar tree **OR** **High lead** • in front **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
5.6 **C5**	Describe how to rig an artificial spar system and artificial support	**All** required	Material selected • suitable legs of adequate length and diameter • suitable connectors (cap or diagonal lashing) • suitable length of back anchor rope • suitable anchor(s) selected and attached • adequate footings selected • small pole selected to gain height of support legs • support legs rigged for the system selected • running ropes through pulleys • fixed rope through hanger or snatch block • correct angle of legs achieved • legs raised to the appropriate angle using an acceptable method • check security of installation **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE			
				A	B	C	D
5.7 **C5**	Explain how to install intermediate supports using standing trees	Range of equipment described for rigging is at the assessors discretion M support or single support to be described	**EITHER** **Skyline** Suitable tree selected				
			• equal distance either side of the extraction route	☐	☐	☐	☐
			• preferably in line with each other	☐	☐	☐	☐
			• suitable height	☐	☐	☐	☐
			• suitable girth	☐	☐	☐	☐
			• adequate root system	☐	☐	☐	☐
			• suitable back anchor points available	☐	☐	☐	☐
			Select suitable equipment • strops	☐	☐	☐	☐
			• kuplex rings	☐	☐	☐	☐
			• shackles	☐	☐	☐	☐
			• back anchor ropes	☐	☐	☐	☐
			• anchoring system	☐	☐	☐	☐
			• pulleys	☐	☐	☐	☐
			Access equipment • ladder	☐	☐	☐	☐
			• climbing spikes	☐	☐	☐	☐
			• rope and harness	☐	☐	☐	☐
			• other ________________________________	☐	☐	☐	☐
			OR **High lead** • Not applicable	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.4 **C3**	Install haul-back line or cable	Assessor to observe	• connect haul back rope to straw line using approved method	☐	☐	☐	☐
			• haul back rope winched around system	☐	☐	☐	☐
			• straw line disconnected and stored	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.5 **C3**	Install skyline	Assessor to observe	**EITHER** **Skyline** • skyline is connected to haul-back line installed and anchored / terminated	☐	☐	☐	☐
			OR **High lead** • Not applicable	☐	☐	☐	☐
			Met ✓ Not Met X	☐	☐	☐	☐
3.6 **C3**	Install carriage	Assessor to observe	**EITHER** **Skyline** • carriage installed onto the skyline rope	☐	☐	☐	☐
			• security checked	☐	☐	☐	☐
			• haul in rope threaded through carriage	☐	☐	☐	☐
			• suitable chocker system attached	☐	☐	☐	☐
			• haul back rope attached to carriage	☐	☐	☐	☐
			• skyline tensioned	☐	☐	☐	☐
			• suitable working height achieved	☐	☐	☐	☐
			• release mechanism tested	☐	☐	☐	☐
			• communication system(s) checked	☐	☐	☐	☐
			• skyline de-tensioned/lowered	☐	☐	☐	☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
3.6 cont…			**OR** **High lead** • carriage installed • security checked • haul in rope threaded through carriage • suitable chocker system attached • haul back rope attached to carriage • suitable working height achieved • de-tensioned and lowered **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
5.8 **C5**	Explain the haul in process		• carriage/haul-back should be braked while cross-hauling takes place using the haul-in winch • side or cross-hauling should only be carried out at minimum engine r.p.m. **Met ✓ Not Met X**	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐
3.7 **C3**	Haul back the timber	Ideally this part of the assessment should be carried out by two Candidates with the choker man in the lead role.	• correct commands given • test run the system • adjustments, if necessary, were made Send carriage back out • appropriate use of clutch and brake • haul back • appropriate speed • correct control **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
3.8 **C3**	Chokering operations	Assessor to observe The Candidate will carry out a suitable method of chokering, according to site specifications, of one of the following - Sawlogs OR - short wood OR - whole tree Candidate to extract sufficient timber to enable assessor to evaluate the candidate has met the criteria	• the carriage should be halted at the correct position on the command of the choker person • the load should be chokered The choker person must not operate • in the bight of any ropes or cables • stand under any supports • underneath the carriage the choker person must • move to a safe area before communicating haul in • observe load moving to carriage • communicate when at carriage • communication when to release brake **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
3.9 **C3**	Release the load at the landing point	Assessor to observe	• the load should be lowered to the ground and positioned accurately for secondary handling • normal safety precautions should be observed while moving around on stacked logs whilst unchokering **Met ✓ Not Met X**	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE A	B	C	D
5.9 **C5**	State the reasons for keeping the landing area clear	**Four** reasons	• prevent build up of produce • prevent build up of arisings • safe working zone • communication with others within the working zone • risk assessment and method statement identified and adhered to • other _____ **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐ ☐
3.10 **C3**	Plant and equipment left in a safe and well maintained condition	Assessor to observe	• equipment lowered (where appropriate) and immobilised • chokers returned to base in clean condition • damaged equipment reported and taken out of service • tower lowered for movement to next set up (if applicable) **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐
3.11 **C3**	Carry out splicing	**One** to be carried out Soft eye Modified	Candidate to carry out • soft eye splice OR • modified splice • splice cable • appropriate hand and eye protection **Met ✓ Not Met X**	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐
1.3 **B +C1**	Work in a way which maintains health and safety and is consistent with relevant legislation and industry best practice	Assessor to observe	• All activities must be completed in a way which protects the operator and those around them. **Met ✓ Not Met X**	☐	☐	☐	☐
1.4 **B +C1**	Carry out work to minimise environmental damage	Assessor to observe	• It is ensured that any possible environmental damage is minimised at all times during on site operations **Met ✓ Not Met X**	☐	☐	☐	☐

Summary of Assessment (*The Assessor is to complete the following as appropriate)*

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.	**Tick** ✓ ☐
I observed an assessment process taking place. The following were noted as areas of concern.	**Tick** ✓ ☐
Signed: **Date:**	