

**NATIONAL CERTIFICATE: FORESTRY: TIMBER HARVESTING: CABLE YARDING LEVEL 3 (48988)****10Q100063341283**

|    | <b>UNIT STANDARD TITLE</b>  | <b>Code</b> | <b>NQF Level</b> | <b>Credit Value</b> |
|----|---|-------------|------------------|---------------------|
|    | <i>Fundamental Learning</i>   |             |                  |                     |
| 1  | Communicate at work   | 12461       | 2                | 5                   |
| 2  | Complete feasibility and commissioning reports  | 12488       | 3                | 3                   |
| 3  | Accommodate audience and context needs in oral communication  | 8968        | 3                | 5                   |
| 4  | Interpret and use information from texts  | 8969        | 3                | 5                   |
| 5  | Write texts for a range of communicative contexts   | 8970        | 3                | 5                   |
| 6  | Communicate with clients  | 9528        | 3                | 3                   |
| 7  | Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations | 9010        | 3                | 2                   |
| 8  | Use mathematics to investigate and monitor the financial aspects of personal, business and national issues  | 7456        | 3                | 5                   |
| 9  | Investigate life and work related problems using data and probabilities   | 9012        | 3                | 5                   |
| 10 | Describe, apply, analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts   | 9013        | 3                | 4                   |
|    | <i>Core Learning</i>  |             |                  |                     |
| 11 | Fell trees using a chainsaw in a production situation.  | 117064      | 3                | 5                   |
| 12 | Demonstrate knowledge of basic safety in forestry operations.   | 117049      | 2                | 1                   |
| 13 | Conduct basic forestry map reading.   | 117085      | 3                | 2                   |
| 14 | Prepare an operational harvest plan.  | 117070      | 4                | 4                   |
| 15 | Maintain a chainsaw and cut felled timber using a chainsaw.   | 117058      | 2                | 4                   |
| 16 | Debranch felled trees using a chainsaw in a production situation.   | 117061      | 2                | 3                   |
| 17 | Crosscut felled trees using a chainsaw in a production situation.   | 117069      | 2                | 2                   |
| 18 | Demonstrate knowledge of mechanical timber handling equipment.  | 117050      | 2                | 1                   |
| 19 | Demonstrate knowledge of cable yarder extraction.   | 117078      | 2                | 2                   |
| 20 | Demonstrate knowledge of ground-based machine extraction.   | 117044      | 2                | 1                   |
|    | <i>Elective Learning</i>  |             |                  |                     |
| 21 | Demonstrate knowledge of wire ropes, rigging accessories, anchor systems and rigging in cable yarding operation.  | 117033      | 3                | 3                   |
| 22 | Prepare anchors, rig intermediate supports, tail trees and a tower and set up working cables for a cable yarding operation.                               | 117077      | 3                | 15                  |
| 23 | Extract timber to a landing using a cable yarder in a production situation.   | 117080      | 3                | 10                  |
| 24 | Load, off-load and stack timber using a loader in a production situation.   | 117047      | 3                | 20                  |
| 25 | Choke and dechoke timber during extraction with a cable yarder in a production situation.   | 117081      | 2                | 3                   |
|    | <i>Select a minimum of 10 credits from unit standards listed below</i>  |             |                  |                     |
| 26 | Fell trees with a chainsaw using the standard technique and felling levers.   | 117062      | 2                | 2                   |
| 27 | Delimb tree lengths using a static delimber in a production.  | 117057      | 3                | 15                  |
| 28 | Fell trees using a chainsaw and machine assistance.   | 117071      | 3                | 2                   |
| 29 | Prepare, operate and maintain a 3-wheeled loader in a non-production situation.   | 117052      | 3                | 5                   |
| 30 | Prepare, operate and maintain a self-propelled knuckle boom loader in a non-production situation.   | 117055      | 3                | 5                   |
| 31 | Prepare, operate and maintain a vehicle mounted knuckle boom loader in a non-production situation.  | 117046      | 3                | 5                   |
| 32 | Fell trees with a chainsaw using specialized techniques.  | 117066      | 3                | 2                   |
| 33 | Scale tree lengths into poles in a production situation.  | 117068      | 3                | 3                   |
| 34 | Scale tree lengths into saw and veneer logs in a production situation.  | 117059      | 3                | 10                  |