

ASSESSMENT GUIDELINES

Unit 1016

Erect metal features in landscape work

Level 4, Credit 4, version 5

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Unit standard 1016

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Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyse and interpret information, and make an informed judgment.

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

1. *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
2. Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992.
3. Any work carried out in playground areas must comply with the New Zealand Standard: NZS 5828:2004 *Playground equipment and surfacing*, available from <http://www.standards.co.nz>.

**Unit 1016: Erect metal features in landscape work
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Describe metals and their protective coatings used in landscape features	Yes/No	<ul style="list-style-type: none"> - Describe types of metals used in landscape features in terms of their characteristics and typical landscape uses. This includes steel, cast iron, aluminium, brass, bronze, cast aluminium and copper lead. - Describe protective coatings in terms of the metals to which they are applied and the characteristics of the protection provided by each coating. This includes galvanizing (hot and cold), painting, powder coating and plating.
Element 2 Provide foundations, fixings and services for metal features.	Yes/No	<ul style="list-style-type: none"> - Construct foundations to size, height and location as shown on drawings using methods and materials identified in the site specification. - Ensure fixings to secure features to foundations are located as shown in drawings or to the feature manufacturer's specification. Range to include: bolts, brackets, ties. - Install services to the metal feature according to site drawings and specification and ensure this connection is undertaken by a person qualified to do the work. Range: water, electricity, residual current device and specialist services specified for the feature. - Ensure methods used to install metal features which are fixed in place by poured concrete enable work to be undertaken according to workplace procedures without damage to the feature, injury to the installer or danger to others This includes lifting and placing , bracing to line and height, protection of feature finishes, placing, finishing and curing of concrete.
Element 3 Install metal features on prepared foundations	Yes/No	<ul style="list-style-type: none"> - Select from a given range, tools and equipment and use them according to workplace procedures to achieve a specified outcome without damage to materials, injury to the operator or danger to others. This includes adjustable spanner, torsion wrench, lifting appliances, ropes, slings or strops, clamps and shackles. - Undertake lifting, placing, stabilizing and fixing of metal feature according to workplace procedures without damage to the feature, injury to workers or danger to others. - Adjust installed feature to line, level, perpendicular or grade to conform with the requirements of the drawings and specification for the work. - Use devices which define areas of danger when work is accessible to the public according to workplace procedures. Range: barrier, lights and warning signs. - Check surface finish of feature and any damage is made good using methods and materials approved by the designer or manufacturer. - Remove surplus material and leave site in a condition which enables further work to be undertaken unimpeded according to workplace procedures.

(Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 1016 (version 5)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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