

Field Engineering and Related Technology

Review of *Electricity Supply - Power System Maintenance* unit standards

Subfield	Domain	ID
Electricity Supply	Electricity Supply - Power System Maintenance	32390-32401

Engineering and Infrastructure Industry Skills Board has completed the review of the unit standards listed above.

Date new versions published

March 2026

Planned review date

December 2030

Summary

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council conducted the scheduled 5-year review of *Electricity Supply – Power System Maintenance* unit standards to determine if they remain fit for purpose given New Zealand's renewable energy transition.

The review process included Technical Advisory Group meetings on 16 October and 30 October 2025, followed by broader industry consultation from 10-21 November 2025. Consultation participants included asset owners, employers, health and safety specialists, and industry associations.

The review found that all 12 unit standards remain fundamentally fit for purpose and current with industry practice and technology. Following consultation feedback, the recommendation was for minor modifications, with no changes to content, structure, or assessment requirements. The transition to skill standards will be undertaken with industry at the next review to align with the skill requirements of industry at that point in time.

Responsibility for these standards has been transferred from Waihanga Ara Rau Construction and Infrastructure WDC to Engineering and Infrastructure Industry Skills Board to reflect the VET reforms.

Main changes

- Standard Setting Body has been updated to Engineering and Infrastructure Industry Skills Board.

The last date for assessment of superseded versions of Category B unit standards is December 2028.

Impact on Consent and Moderation Requirements (CMR)

Unit standards 32394, 32395, 32399 and 32400 were moved from CMR 101 to CMR 120.

Detailed list of unit standards – classification, title, level, and credits

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

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ID	Title	Level	Credit	Review Category
32390	Demonstrate knowledge of safety in a wind farm environment	3	5	B
32391	Demonstrate knowledge of electrical systems in a wind turbine	3	5	B
32392	Demonstrate knowledge of mechanical systems in a wind turbine	3	5	B
32393	Demonstrate knowledge of hydraulic systems in a wind turbine	3	5	B
32394	Maintain an electrical system in a wind turbine	3	15	B
32395	Maintain mechanical and hydraulic systems in a wind turbine	3	20	B
32396	Demonstrate knowledge of procedures for the installation of a wind turbine	4	10	B
32397	Diagnose and repair faults in an electrical system used in wind turbines	4	15	B
32398	Diagnose and repair faults in mechanical and hydraulic systems used in wind turbines	4	20	B
32399	Demonstrate knowledge of maintenance and reliability of wind turbines	4	10	B
32400	Demonstrate knowledge of faults, fault diagnosis and testing in wind turbines	4	10	B
32401	Demonstrate knowledge of wind turbine systems and process safety in a wind farm environment	4	15	B