

Title	Carry out competition race vehicle preparation and maintenance requirements at a motorsport event		
Level	4	Credits	6

Purpose	<p>This unit standard is intended for people who work in a motorsport environment.</p> <p>People credited with this unit standard are able to determine competition race vehicle preparation requirements and prepare site; and carry out preparation and maintenance of the competition race vehicle before, during, and after the event.</p>
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Classification	Motor Industry > Automotive Preventive Maintenance
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Performance of the outcomes of this unit standard must comply with the following:
Hazardous Substances and New Organisms Act 1996;
Health and Safety at Work Act 2015;
Resource Management Act 1991;
New Zealand MotorSport Manual <http://manual.motorsport.org.nz/>.
- 3 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 4 Definitions
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.
Service information refers to technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.

- 5 For this unit standard, it is essential that the practical assessment evidence is obtained in a motorsport team environment.
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Outcomes and performance criteria

Outcome 1

Determine competition race vehicle preparation requirements and prepare site.

Performance criteria

- 1.1 Instructions and procedures to prepare the vehicle are identified.
- 1.2 Individual team member tasks and job specifications are itemised on a check sheet and confirmed with the team manager.
- 1.3 Health, safety, security, and driving arrangements are identified.
- 1.4 The site is prepared to enable the preparation work to be carried out.
- Range equipment and tooling prepared and checked, sufficient support materials available, work area cleaned, weather protection, spectator protection.

Outcome 2

Carry out preparation and maintenance of the competition race vehicle before, during, and after the event.

Performance criteria

- 2.1 Components and systems are inspected for condition, function, and compliance.
- 2.2 Vehicle is race prepared.
- Range includes but is not limited to – final tuning, fluid levels, cleaned, refuelled, tyres checked, electronic data recording systems prepared, panels secure.
- 2.3 Pit or workspace support functions are carried out in accordance with the team manager's instructions and to timelines established.
- Range includes but is not limited to – making vehicle safe and track worthy, replacing components, cleaning, completing checklists or documentation.
- 2.4 Tools and equipment are put away in designated places after use.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 June 2007	31 December 2022
Review	2	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.