



Australian Government

AURMMA002 Manage the preparation of motor sport competition vehicles

Release: 1

AURMMA002 Manage the preparation of motor sport competition vehicles

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to develop competition vehicle preparation specifications, checklists and schedules, and to supervise the preparation and assembly of a motor sport competition vehicle. It involves researching information, assessing personnel capabilities and schedule constraints, and supervising others to prepare a competition vehicle and check the post-preparation vehicle and work area.

It applies to those working in the motor sport industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Motor sport

Unit Sector

Management, Leadership and Supervision

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Develop preparation specifications and checklists	1.1 Job requirements are determined from <i>competition information</i> 1.2 Rules, regulations, and vehicle specifications and tolerances are analysed for competitive advantage 1.3 <i>Work specifications</i> are documented and communicated to

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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
	appropriate personnel
2. Develop preparation schedule	2.1 Equipment and capabilities of required personnel to meet job specifications are identified and sourced 2.2 <i>Constraints to schedule</i> are analysed and optimum sequence for vehicle preparation is documented 2.3 Critical path is analysed and factors affecting that path are documented 2.4 Preparation schedule is finalised and distributed to required personnel
3. Supervise preparation	3.1 Team adherence to preparation schedule is monitored according to team requirements 3.2 Work area is monitored for appropriate layout for job requirements and for cleanliness 3.3 Checks of vehicle during and after installation of components are carried out to ensure accurate and complete fitting 3.4 Problems with work area or operation of equipment are evaluated and resolved according to <i>safety and environmental requirements</i> 3.5 Proposals for modifications or adaptation of equipment and components are evaluated and changes adapted or adopted as required according to team requirements
4. Supervise post-assembly checks	4.1 Vehicle is inspected, and problems are identified and addressed according to team requirements 4.2 Post-preparation checks and vehicle start-up by team are supervised 4.3 Vehicle baseline set-up by team is supervised 4.4 Clean-up of work area by team is supervised 4.5 Final inspection of work area and vehicle is carried out and documentation completed

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
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Skills	Description
Learning skills to:	adapt procedures to different vehicles.
Reading skills to:	interpret team instructions and procedures and controlling body rules, category rules and supplementary regulations.
Writing skills to:	develop task specifications, preparation checklists and procedures, and preparation schedule.
Oral communication skills to:	- communicate task specifications and preparation schedule to team members - receive and give information and advice to team members during vehicle preparation.
Numeracy skills to:	work with units of time when developing timelines within a preparation schedule.
Planning and organising skills to:	plan own tasks and those of a team to ensure work proceeds without interruption and within timelines.
Self-management skills to:	work efficiently with minimal supervision and within timeframes.
Problem solving skills to:	- produce solutions to problems with scheduling, component and equipment supply, and personnel capability - evaluate a range of options and select efficient solutions.
Teamwork skills to:	work as a leader of a team to ensure team member roles are understood and time wastage is minimised.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Competition information</i> must include:	- team instructions and procedures - controlling body rules - category rules - supplementary regulations.
<i>Work specifications</i> must include:	- steps and stages of job requirements - preparation checklists - procedures for minimising waste material.
<i>Constraints to schedule</i> must include:	- timing and location of upcoming event - availability of equipment and components - availability of required personnel.

<i>Safety and environmental requirements</i> must include:	• work health and safety (WHS) and occupational health and safety (OHS) requirements, including: • selecting and using personal protective equipment (PPE) • using chemical cleaning and lubricating agents • environmental requirements, including trapping, storing and disposing of chemicals and fluids released when assembling competition vehicles.
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Unit Mapping Information

Equivalent to AURMMA4002 Manage the preparation of a competition vehicle

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURMMA002 Manage the preparation of motor sport competition vehicles

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- manage the assembly and preparation by a team of one motor sport competition vehicle.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to preparing a competition vehicle, including:
 - selecting and using personal protective equipment (PPE)
 - using chemical cleaning and lubricating agents
- environmental requirements, including procedures for trapping, storing and disposing of chemicals and fluids released when assembling competition vehicles
- methods of determining competition vehicle design, quality, and material, equipment and quantities from team instructions, supplementary regulations and manufacturer specifications
- procedures for analysing rules, regulations, vehicle specifications and tolerances for competitive advantage
- procedures for developing preparation schedules, including:
 - assembly and preparation processes applicable to competition vehicle
 - procedures for analysing team member capability for tasks
 - documentation procedures for preparation schedule
 - procedures for determining work area layout
- procedures for supervising vehicle preparation, including:
 - procedures for developing and monitoring assembly inspection processes

- methods of evaluating and remedying problems with work area and equipment operation.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the motor sport vehicles that they have prepared, e.g. work orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- motor sport workplace
- one motor sport competition vehicle requiring pre-event preparation
- motor sport team with knowledge of competition vehicle pre-event preparation procedures
- tools and equipment required for the preparation of a competition vehicle.

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