



Australian Government

Assessment Requirements for PMBPROD338E Repair heavy off-the-road tyres

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD338 Repair heavy off-the-road tyres.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- repair heavy off-the-road tyres, including:
 - at least two of the following types of repair:
 - cuts, abrasion, splits, cracks and crazing
 - separations within the structure
 - internal or surface deformities
 - penetrations into and through the casing/carcass
 - at least two of the following repair locations:
 - tread or crown including steel components
 - shoulder or sidewall
 - bead area
 - liner.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and operating principles of heavy off-the-road tyre repair equipment
- heavy off-the-road tyre construction
- radial and bias ply construction
- common injuries to heavy off-the-road tyres and their indicators
- common hidden injuries and their indicators, including:
 - cuts
 - oxidation
 - separations
- methods for repairing injuries to tyres, including:
 - cuts, abrasion, splits, cracks and crazing
 - separations within the structure
 - deformities both surface and internal
 - penetrations into and through the casing/carcass

- methods for repairing injuries to tyres in:
 - tread or crown, including steel components
 - shoulder
 - sidewall
 - bead area
 - liner
- types of injuries that do not need repairing, injuries that are reparable and injuries that either individually or in the sum should not be repaired
- methods of identifying lug/position identification
- production workflow sequences
- types of patching materials and their characteristics
- typical quality standards required at each stage of the process
- impact of significantly faulty tyres falsely passing inspection
- key variables that may affect product quality and production output
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions
- organisational procedures relevant to the work environment or job role
- hazards that may arise in the job or work environment, and:
 - their possible causes
 - potential consequences
 - appropriate risk controls.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090>