



Australian Government

Assessment Requirements for PMBPROD337E Prepare heavy off-the-road tyres for repair

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 PMBPROD337 Prepare heavy off-the-road tyres for repair.

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:

- prepare heavy off-the-road tyres for repair, 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:

- functions and operating principles of preparation and inspection equipment, machine components and ancillary 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 repairable and injuries that either individually or in the sum should not be repaired
- methods of identifying lug/position
- 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, including procedures for the emergency shutdown of equipment
- 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>