



Australian Government

Assessment Requirements for PMBPROD336E Inspect 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 PMBPROD336 Inspect 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:

- distinguish between:
 - tyre injuries that do not need repair and should be returned to the customer to be used as is
 - tyre injuries that should be repaired
 - tyre injuries that are beyond repair and require the tyre to be scrapped
- recognise different injury types, including:
 - cuts, abrasion, splits, cracks and crazing
 - separations within the structure
 - deformities both on the surface and internal
 - penetrations into and through the casing/carcass
 - hidden injuries.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and operating principles of inspection equipment, machine components and ancillary equipment
- types and application of inspection methods/processes
- heavy off-the-road tyre construction
- radial and bias ply construction
- typical quality standards required
- common injuries to heavy off-the-road tyres and their indicators
- common hidden injuries and their indicators, including:
 - cuts
 - oxidation
 - separations
- criteria for assessing extent and nature of tyre injuries
- criteria for assessing overall repairability of tyres

- methods of identifying lug/position
- impact of significantly faulty tyres falsely passing inspection
- key variables that may affect inspection quality
- 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>