



Australian Government

Assessment Requirements for PMBPROD325E Lay on tyre retreads

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 PMBPROD325 Lay on tyre retreads.

Performance Evidence

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

- lay on tyre retreads at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and operating principles of retread laying processes, equipment, machine components and ancillary equipment
- retread laying cycle, process steps and changes to materials at various stages of production for:
 - pre-cured retread
 - green retread
- impact of variations in machine process conditions and materials on product quality and production output
- the criteria for overall process/equipment readiness for the process or equipment being used typical quality standards at each stage of production
- common adjustments in process variables and their impact on product quality and production output
- impact of variations in raw materials and equipment operation in relation to final product
- key variables that may affect product quality and production output, including:
 - speed
 - pressure
 - colour
 - tyre components
 - tread alignment
 - product integrity and general conformance to specification
- impact of tyre size, faulty tyres, speed rating, finished and second-hand tyres, and aspect ratio markings of tyres on product quality and production output
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions:

- faulty casings
- incorrect tread selection
- incorrect tyre inflation pressure
- equipment malfunction
- poorly aligned tread
- tread that is too long or short
- incorrect tread profile
- organisational procedures relevant to the work environment and 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>