



Australian Government

**Assessment Requirements for
PMBPROD369E Repair conveyor belt
covers**

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 PMBPROD369 Repair conveyor belt covers.

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 conveyor belt covers at least once to meet specifications and quality standards.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions of conveyor systems and relevant isolation procedures
- the principles of operation and repair of conveyor belt systems
- stresses and tensions on belt covers and common causes of failure
- repair workflow sequences and materials
- vulcanising process
- the criteria for overall process/equipment readiness for the process or equipment being used
- products, materials and materials characteristics for cover repairs
- types of covers and related repair methods
- typical quality standards required at each stage of the repair process
- key variables that may affect repair quality, including:
 - belt carcass condition
 - belt location
 - degree of damage
 - forces acting on the conveyor belt
 - environmental conditions
 - lock-out of equipment
- key variables in the vulcanising process, including:
 - temperature
 - pressure
 - time
- typical and atypical belt process, equipment and materials problems, including early warning signs, possible causes and corrective actions

- the distinguishing characteristics of causes of problems, including:
 - abrasion
 - impact
 - tearing
 - poor adjustment of skirts, scrapers or other ancillaries
 - operational problems
 - materials properties or failures
 - process variables
 - mechanical problems
- 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>