



Australian Government

PMBPROD254E Operate an open mill blender

Release: 1

PMBPROD254E Operate an open mill blender

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 PMBPROD254 Operate an open mill blender.

Application

This unit describes the skills and knowledge required to operate an open mill blender or mixer used to compound rubber.

This unit applies to an individual working alone or as part of a team.

The unit principally refers to the operation of an 'open' rubber mill for specific compounding of polymer and rubber blends, requiring visual control and intermittent addition of chemicals

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Production – Belt Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Check work requirements	1.1 Identify requirements from job specifications 1.2 Perform housekeeping tasks to prepare for work to be undertaken 1.3 Perform pre-operational checks including checking for and acting on hazards
2. Conduct pre-startup checks	2.1 Check safety gates and guards are in position and working according to equipment specifications 2.2 Verify materials are correct against job specifications 2.3 Complete pre-startup checks according to equipment specifications and workplace procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
3. Operate open mill blender	3.1 Start, operate and stop mill according to equipment instructions 3.2 Band, cut, fold and work rubber to meet job requirements 3.3 Add materials evenly at correct rate and time and blend to meet output standards 3.4 Check output meets specifications and quality standards 3.5 Apply waste management strategies to collect and reuse material, and segregate waste and scrap, according to workplace procedures 3.6 Clean, adjust and lubricate equipment according to equipment specifications and workplace procedures 3.7 Pause or stop machine in normal or abnormal circumstances according to workplace procedures
4. Respond to process control variances	4.1 Recognise and log process control variances and their causes 4.2 Determine, prioritise and implement remedial and preventative actions based on identified issues and causes 4.3 Accurately maintain records and logbooks

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

- Numeracy skills to interpret technical information and perform measurement tasks.
- Reading skills to interpret specifications and workplace procedures.
- Writing and oral communication skills to record and report on open mill blender operations.

Other foundation skills essential to performance are explicit in the performance criteria of this unit of competency

Unit Mapping Information

Supersedes and is equivalent to PMBPROD254 Operate an open mill blender.

Links

Companion Volume implementation guides are found in VETNet – -

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