



Australian Government

Assessment Requirements for PMBPROD303E Produce cable and tape lay-up cables

Release: 1

Assessment Requirements for PMBPROD303E Produce cable and tape lay-up cables

Modification History

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD303 Lay up and tape cables.

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

- produce cable and tape lay-up cables at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- function and operating principles of lay-up, taping and armouring equipment, equipment components and ancillary equipment
- lay-up and taping manufacturing processes
- products, materials and material characteristics
- behaviour of materials in relation to key process variables
- behaviour of materials in relation to speed, temperature and tension
- the criteria for overall process/equipment readiness for the process or equipment being used
- impact of machine operating parameters on product quality and production output
- cable properties and their interactions with process conditions
- impact of variations in raw materials and equipment operation in relation to final product
- typical quality standards required at each stage of production
- key variables that may affect product quality and production output, including:
 - operating temperatures
 - operating speed pressure
 - time
 - tension
 - wind off speed
 - product integrity and general conformance to specification
- 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>