Assessment Requirements for PMBPROD221E Operate rotational moulding equipment

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Modification History

Release 1. Unit code changed. Application change. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD221 Operate rotational moulding equipment.

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:

- operate rotational moulding equipment at least once to meet work requirements.

Knowledge Evidence

There must be evidence the candidate has knowledge of

- the mechanical function of rotational moulding equipment, the machine components and ancillary equipment
- principles of operation of the equipment, including the heating and cooling system for this equipment
- rotational moulding production workflow sequences and materials demand
- key variables that may affect product quality or production output, including heating and cooling cycles
- typical quality standards at each stage of production
- typical 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