



Australian Government

Assessment Requirements for AUMFTA002 Perform die coating

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMFTA3002 Conduct die coating

Performance Evidence

Before competency can be determined, individuals must have competently coated dies on a minimum of five occasions.

Individuals must demonstrate they can:

- interpret workplace quality requirements
- clean, inspect, assemble and disassemble dies
- select and perform minor rectification to dies
- manually handle dies
- apply die coating according to work health and safety (WHS) requirements and workplace procedures.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements when applying die coating
- workplace procedures to apply coating to production dies
- die coating application methods and processes
- principles of die casting:
 - purpose of dies
 - methods of producing die castings
 - die coat functions
- procedures to inspect die castings
- methods of die disassembling and re-assembling
- defects in production dies and their causes
- damage that can be caused to castings through inappropriate handling and storage
- minor rectification methods of die faults:
 - methods of testing die re-work
 - die coat selection, cleaning and heating methods
- equipment used in die coating.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the dies that they have coated, e.g. work sheets.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive manufacturing workplace or simulated workplace
- tools, equipment, material and machinery required to coat dies
- a range of dies relevant to motor vehicle or component manufacturing
- materials to test die coating
- workplace procedures relating to applying coating to production dies
- work sheets and job specifications relating to applying coating to production dies.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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