



**Australian Government**

# **Assessment Requirements for AURKTJ004 Conduct non-destructive testing of wheel and rim assemblies**

**Release: 1**

## Assessment Requirements for AURKTJ004 Conduct non-destructive testing of wheel and rim assemblies

### Modification History

Release	Comment
Release 1	New unit of competency

### Performance Evidence

Before competency can be determined, individuals must have competently conducted non-destructive testing on wheels and rims on a minimum of four occasions, using at least two of the following hardness testing methods:

- penetrant
- magnetic
- Rockwell
- Brinell.

Individuals must demonstrate they can:

- prepare equipment for testing, including zeroing and calibration checks
- select and apply testing methods
- verify test results
- record test outcomes.

### Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- principles and methods of penetrant, magnetic, Rockwell and Brinell hardness testing, and limitations, advantages and hazards associated with the testing
- non-destructive testing terminology
- non-destructive test equipment use, maintenance and storage
- non-destructive testing preparation procedures
- non-destructive testing verification methods and techniques
- non-destructive testing analysis techniques
- reporting and recording procedures relevant to non-destructive testing.

### 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 equipment that they have worked on, e.g. test results.

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

The following resources must be made available:

- Australian standards relevant to the non-destructive testing of wheel and rim assemblies
- workplace procedures and manufacturer instructions
- non-destructive testing equipment
- workplace location or simulated workplace.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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