



Australian Government

**MEASS00398 MTA051 Basic visual liquid
dye penetrant inspection approval for
aerospace**

Release 3

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Modification History

Release 3. Description added. Reference to ADF updated to DASA.

Description

This skill set reflects the skill requirements for qualified aircraft maintenance engineers (AMEs) and aviation tradespersons employed on aircraft and component maintenance plus other tradespersons employed in component maintenance workshops seeking approval under either the Civil Aviation Safety Authority (CASA) or the Defence Aviation Safety Authority (DASA) regulatory system to perform basic visual liquid dye penetrant inspection of aircraft structure and items of aeronautical product.

Pathways Information

These units provide credit towards several MEA Aeroskills Training Package qualifications.

Licensing/Regulatory Information

Civil Aviation Safety Authority (CASA) and Defence Aviation Safety Authority (DASA) regulations apply to this skill set.

Skill Set Requirements

MEA107	Interpret and use aviation maintenance industry manuals and specifications
MEA154	Apply work health and safety practices in aviation maintenance
MEA155	Plan and organise aviation maintenance work activities*
MEA156	Apply quality standards during aviation maintenance activities*
MEA157	Complete aviation maintenance industry documentation
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance Note: This unit is equivalent to MEM18001C as a prerequisite for MEM24001B
MEM24001B	Perform basic penetrant testing*

Units marked with an asterisk have prerequisites. See the unit or the MEA Aeroskills Companion Volume Information Guide for details.

Target Group

This skill set is for qualified AMEs and aviation tradespersons employed on aircraft and component maintenance plus other tradespersons employed in component maintenance workshops seeking approval under either the CASA or DASA regulatory system to perform basic visual liquid dye penetrant inspection of aircraft structure and items of aeronautical product.

Suggested words for Statement of Attainment

These competencies from the MEA Aeroskills Training Package meet the requirements of Civil Aviation Safety Authority (CASA) and Defence Aviation Safety Authority (DASA) regulations for the grant of an approval to perform basic visual liquid dye penetrant inspections on aircraft structure and items of aeronautical product.

Custom Content Section

Not applicable.