



**Australian Government**

**MEASS00393 MTA046 Liquid penetrant  
inspection approval for aerospace**

**Release 3**

# MEASS00393 MTA046 Liquid penetrant inspection approval for aerospace

## Modification History

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

## Description

This skill set reflects the skill requirements for holders of aircraft engineer licences, 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 Civil Aviation Safety Authority (CASA) or Defence Aviation Safety Authority (DASA) regulations to perform liquid penetrant inspection of aircraft structure and items of aeronautical product at AS 3669 Level 2.

## Pathways Information

These units provide credit towards a Diploma of Aeroskills (Non-Destructive Testing). The MEA coded units also count towards the Diploma and Advanced Diploma of Aviation Maintenance Management. The MEM coded units count towards Diploma qualifications in the MEM Metal and Engineering Training Package.

## 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 MEM24002B

MEM24002B	Perform penetrant testing*
MEM24012C	Apply metallurgy principles

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 holders of aircraft engineer licences, 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 liquid penetrant inspection of aircraft structure and items of aeronautical product at AS 3669 Level 2.

## 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 liquid penetrant inspections on aircraft structure and items of aeronautical product at AS 3669 Level 2.

## Custom Content Section

Not applicable.