

Project Overview and Consultation Strategy

Project Name: Non-Destructive Testing Skills Project

Training Package:

(MEM)

Introduction

The International Organization for Standardization (ISO) released revised standards for non-destructive testing (NDT) (ISO 9712:2021) in January 2023. The ISO standards, which are internationally recognised benchmarks for various industries, have been adopted in Australia and underpin certification for NDT technicians. The release of the updated standards reflects changes in the areas of penetrant, magnetic particles, eddy current, ultrasonic testing, and radiographic testing at both the basic and advanced level, and thermography at the advanced level. As a result, there is a need to ensure that associated units of competency and qualifications in the *MEM Manufacturing and Engineering Training Package* (MEM) are updated to reflect current industry practice. Adapting the MEM units and qualifications to adhere to these standards guarantees that learners and workers possess skills that are aligned with contemporary manufacturing expectations.

Scope of the project

To remain relevant to current practice for certification of materials, products and structures through NDT testing, it is critical 19 units of competency for NDT (24 series) be updated as they are used extensively across both trade, post-trade and technician occupations. The revisions will reflect changes to the international standards, released in the Non-destructive testing – Qualification and certification of personnel (ISO 9712:2021). The project will also consider alignment of the units to the certification requirements for NDT technicians reflected in the Non-destructive testing – NDT training syllabuses (ISO/TS 25107:2019).

Notify Senior Responsible Officers, Assurance Body, and other Jobs and Skills Councils

A briefing will be sent to State/Territory Training Authorities with a request to identify key stakeholders within their jurisdiction and leverage any local industry engagement opportunities. All Jobs and Skills Councils
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Maintain a Consultation Log

Throughout the development process, feedback will be captured in the project *Consultation Log*. Collated information will be analysed at key points to identify trends and diverse views presented to determine potential actions aimed at finding solutions. The solution will be developed through regular facilitated processes to gather advice from the Technical Committee, and where necessary other subject matter experts. Best efforts will be made to incorporate feedback to ensure the final product reflects a common shared view.

The *Consultation Log* will include a high-level summary of feedback received and will be published to the website at key points. It will include evidence of consultations, responses to feedback, and if relevant any dispute resolution, justification for feedback not incorporated, and issues not resolved.

Incorporating feedback

Determine revisions

The Technical Committee will provide advice on the final draft training products and a statement to this effect forms part of the submission of the final products to the Manufacturing Alliance Chief Executive Officer.

Additional consultation if required

Additional consultation may be undertaken to manage diverse viewpoints or if significant changes have been

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