



Australian Government

Assessment Requirements for MSFPT3011 Tune unisons aurally to a beatless condition

Release: 1

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Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Tune a minimum of two (2) unisons aurally on both one (1) upright and one (1) grand piano
- Detect aurally the differences in frequency between strings within $\pm .5$ cent without the aid of an electronic device where the fundamentals are matching with no audible interfering patterns
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for tuning pianos
- Organisational and site standards, requirements, policies and procedures for tuning pianos
- Reading and interpreting workplace documents including work orders, work instructions and operator instructions
- Environmental protection requirements relating to the disposal of waste material
- Established lines of communication and protocols
- Types, characteristics, uses, limitations and preparation of materials and equipment used in piano tuning
- Types of tools and equipment used to regulate actions, keys and pedals and procedures for their safe use, operation and maintenance

- Relevant problem identification and resolution
- Set-up and operation of tools and equipment used for tuning pianos
- Identify the fundamental string (the first string of a given note that is tuned to an external pitch standard) and the adjacent string
- Recognise that in a bi-cord, the string selected can be either side of the fundamental, while in a tri-cord, three adjacent strings are tuned
- Identify beatless condition where two strings are at the same frequency
- Storage systems and labelling
- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to hand tools used in the tuning of pianos, safety and personal protective equipment, and upright and grand pianos.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>