



Australian Government

Assessment Requirements for MSFPT4012 Tune a piano aurally and electronically

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- tune 2 upright or grand pianos aurally and electronically.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace standards, requirements, policies and procedures for tuning pianos
- types, characteristics, uses, limitations and preparation of materials and equipment used in piano tuning
- types of tools and equipment used to tune pianos and procedures for their safe use, operation and maintenance, including:
 - pitch standard
 - tuning lever/hammer
 - temperament strip
 - mutes and wedges
 - tip wrench
 - tuning tips and heads
- procedures for dismantling upright and grand pianos:
 - upright piano:
 - removal of top front board and fall board
 - lift lid
 - grand piano:
 - removal of fall board and music disk
 - lift lid
- how to identify and the definitions of a start note:
 - the note in the temperament octave that corresponds to the note tuned from the pitch standard
 - the first note tuned on piano from pitch standard generally accepted as being A49/C52 or corresponding notes one octave below, which are A37/C40

- pitch standards, including:
 - piano
 - electronic tuning device
 - tuning fork
- interval checks to be used in assessing tuning, including:
 - thirds
 - fourths
 - fifths
 - sixths
 - sevenths
 - tenths
- common types of piano damage and methods to avoid causing them:
 - bent tuning pins
 - broken strings
 - elongated tuning pin holes
 - damaged bearings
- problem identification for tuning and resolution
- set-up and operation of tools and equipment used for tuning pianos
- procedures for recording, reporting and maintaining workplace records and information
- types of customer requirements and how these affect tuning activities, including:
 - level of playing required:
 - standard of pianist
 - time piano is used
 - environment
 - location of piano
 - pitch requirements
 - budget
- best physical and ergonomic approaches to promote muscle control and avoid fatigue, including:
 - standing or seated according to type of piano and height of individual
 - evenly distributing body weight between both feet while standing to reduce fatigue
 - use a resting arm, where available, to aid control during tuning and reduce tiredness
- work health and safety requirements for piano tuning.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources required for performance evidence, including:
- pianos for tuning
- tools and materials used in piano tuning
- workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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