



Australian Government

Assessment Requirements for MSFPT4013

Voice a piano

Release: 1

Assessment Requirements for MSFPT4013 Voice a piano

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 all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- voice at least one upright or grand piano.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace standards, requirements, policies and procedures for tuning and voicing pianos
- knowledge of piano tuning and regulation methodologies
- the nature of undesirable piano tonal qualities, including:
 - harsh/soft noise which may occur when there is a loose hammer head, loose centre pins or uneven level strings
 - string noises
 - false beats in strings
 - bright or metallic sound due to hard hammers
- needling techniques, including:
 - correct method of supporting the hammers to avoid damage to action centres
 - selecting the appropriate needling zones to achieve particular tonal effects
- hardening techniques, including:
 - lacquers
 - irons
 - collodion
- types, characteristics, uses, limitations and preparation of materials and equipment used in piano tuning and voicing
- types of tools and equipment used to tune and voice pianos and procedures for their safe use, operation and maintenance, including:
 - screwdrivers
 - voicing needles
 - voicing tools and blocks
 - hammer iron
 - lacquer and brush

- sandpaper
- hammer lifting tool
- tuning wedge
- string level tool
- string lifting tool
- problem identification for piano voicing and resolution
- set-up and operation of tools and equipment used for tuning pianos
- procedures for recording, reporting and maintaining workplace records and information
- 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.

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>