



Australian Government

Assessment Requirements for MSFPT4002 Research and apply information about piano technology

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

- source and research information from 3 different sources on the following:
 - traditional and contemporary upright and grand piano design and the variety of mechanisms used in pianos and how these affect piano technology work
- apply this knowledge to the planning and implementation of 2 different piano tuning or repair jobs.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sources of credible information about piano technology
- types, characteristics, uses, limitations and preparation of materials and equipment used in piano tuning and repair
- original keyboard instrument types and their features, including:
 - zither
 - clavichord
 - harpsichord
 - forte piano
 - piano
- different periods of keyboard instrument development, including:
 - antique (1700–1850)
 - Victorian (1850–1900)
 - modern (1900–2000)
 - current (2000 onwards)
- types of pianos, including:
 - vertical:
 - upright
 - spinet
 - console

- player
- grand:
 - baby (4'6"-6')
 - professional (6'-7'6")
 - concert (7'6"-9'+)
 - square
- piano infrastructure features, including systems:
 - the case
 - timing pins
 - soundboard and bridges
 - strings
 - pinblock and tuning pins
 - keys and actions
 - actions
 - soundboard/bridges
 - strings
 - structural
- terms used to describe piano components and systems
- facets of role of piano technicians, including:
 - quotations
 - tuning
 - repairs
 - rebuilding
 - restoration
 - polishing
 - piano moving
 - selling
 - advice on purchases
 - areas of change that affect the piano technician role, including:
 - restriction to tuning or repairs only
 - less or more restoration
 - less or more major repairs
 - increased use of technology in tuning process
- established lines of communication and protocols for piano technologists and their customers
- work health and safety requirements that impact the piano technician role.
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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:
 - upright or grand pianos
 - information technology for research purposes 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>