MSFPF2004 Mount artwork

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers mounting artwork to substrates prior to framing. It includes dry and wet mounting, pressure rolling, laminating and hinging of artwork.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Picture Framing

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 Prepare for work	1.1	Artwork is assessed to determine the most appropriate mounting process, including the composition of substrate and fixing materials
	1.2	Work requirements are identified from drawings/specifications/instructions and/or workplace practices
	1.3	Quality assurance requirements are identified and observed throughout the process in accordance with industry standards and workplace practices
	1.4	Work health safety (WHS) requirements, including personal protection needs, are observed throughout the work
	1.5	Tools, equipment and materials are selected and checked

			prior to use to ensure that they are appropriate for the work in terms of quality, serviceability and safety
		1.6	Materials required are cut to size and assembled to industry standard and workplace procedures
		1.7	Fixing agents are positioned in accordance with workplace procedures
2	Dry mount artwork	2.1	Mounting equipment is set up according to operating procedures and workplace practices
		2.2	Artwork is positioned on substrate according to job requirements and placed in mounting press
		2.3	Mounting press is operated in accordance with manufacturer instructions, ensuring correct mounting temperature and/or pressing period
		2.4	Assembled artwork is removed from press, inspected for quality and stored in accordance with workplace procedures
3	Wet mount artwork	3.1	Mounting equipment is set up according to operating procedures and workplace practices
		3.2	Selected adhesive is prepared and applied to the substrate with regard for the type and composition of artwork to be mounted
		3.3	Artwork is wet mounted to substrate according to job requirements and placed in vacuum press
		3.4	Mounting press is operated in accordance with manufacturer instructions, ensuring correct pressing period
		3.5	Assembled artwork is removed from press, inspected for quality and stored in accordance with workplace procedures
4	Pressure roller mount artwork	4.1	Rolling equipment is set up according to manufacturer instructions and workplace practices
		4.2	Artwork is laminated using cold film in accordance with job requirements and workplace practices
		4.3	Assembled artwork is inspected for quality and stored in accordance with workplace procedures

5	Laminate artwork	5.1	Laminating equipment is set up according to manufacturer instructions and workplace practices
		5.2	Artwork is laminated in accordance with job requirements and workplace practices
		5.3	Laminated artwork is inspected for quality and stored in accordance with workplace procedures
6	Hinge artwork to substrate	6.1	Hinging paper/pre-made hinging tape is assessed for compliance with job requirements
		6.2	Starch paste is mixed to correct consistency and applied in conformance with workplace practices
		6.3	Hinging paper is torn and fixed to artwork and substrate in accordance with workplace procedures
		6.4	Hinged artwork is inspected for quality and positioned for further processing in accordance with workplace procedures
7	Complete work	7.1	Defective work is reported in accordance with workplace procedures
		7.2	Scraps and off-cuts are removed for disposal/recycling as required by workplace procedures
		7.3	Equipment and work area are cleaned in accordance with workplace procedures
		7.4	Workplace documentation is completed as required

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:	• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent • work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements • work requires individuals to demonstrate some discretion, judgement and problem solving
Framing items includes:	• dry mounting original paper-based artwork • reproduction artwork • photographs • photographic reproductions • documents • posters • wet mounting/laminating reproduction artwork and promotional materials
Mounting artwork includes:	• dry mounting paper-based artwork using heat press and cold press • wet mounting paper and canvas-based artwork using adhesives and vacuum press • laminating paper-based artwork using pressure roller or laminating equipment • hinging, prefabricated or custom made
Tools and equipment include:	• for dry mounting: • hard bed heat press • soft bed heat press • tacking iron • piercing tool • cutting blades • measuring tapes and marking out tools • overlay effect sheets • silicone release paper • Teflon and foam plastic blankets • for wet mounting:

- vacuum press
- cutting blades
- measuring tapes and marking out tools
- scrapers
- glue/adhesive applicators (rollers and spray guns)
- for pressure mounting:
  - pressure rolling equipment
  - cold film
- for laminating:
  - cold roller laminator
  - laminating equipment
  - cutting blades
  - measuring tapes and marking out tools
- for hinging:
  - straight edge
  - thin brush
  - weight bags
  - mixing vessel and swizzle
  - steam generator
  - microwave oven

Dry mounting materials include:
- medium density fibreboard (MDF)
- foam core
- screen board
- mat board
- heat and pressure sensitive films and tissues

Wet mounting materials include:
- MDF
- foam core
- screen board and glues
- adhesives

Laminating materials include:
- plastic film

Hinging materials include:
- hinging paper (mulberry paper and rice paper)
- pre-made hinging tape
- wheat starch
- distilled water and methyl cellulose

Defects in artwork include:
- lumps and bumps
- adhesive migration
- misalignment and use of incorrect adhesive

Adhesives include:
- ethyl vinyl adhesive (EVA)
- poly vinyl adhesive (PVA)

	• starch paste
	• heat and pressure sensitive tissues and films
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies
Information and procedures include:	• workplace procedures relating to the use of tools and equipment
	• work instructions, including job sheets, cutting lists, plans, drawings and designs
	• workplace procedures relating to reporting and communication
	• manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFPF2004B Mount artwork.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73