



Australian Government

Assessment Requirements for MSF GG3032 Mirror glass

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSF GG3012 Set up and operate glass mirroring equipment.

Performance Evidence

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

- completed the mirroring process on 3 different types of glass.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- purpose and key provisions of relevant Australian Standards
- workplace safety system requirements related to the operation of glass mirroring equipment
- work flow requirements in relation to the operation of glass mirroring equipment, including how the process fits into the overall glass processing system
- the role and importance of communication with others in relation to quality and safety
- characteristics of materials used and uses of products produced by glass mirroring operations
- mathematical procedures
- common items found in work instructions for glass laminating, including:
 - material to be used
 - number of sheets to be mirrored and holding area for completed items
 - process required to complete work tasks
- qualities, characteristics and uses of different types of glass for mirroring, including:
 - annealed
 - laminated
 - sheet
 - toughened
- types, characteristics, safe use, maintenance and limitations of glass mirroring equipment:
 - backing paint
 - buffing and cleaning tables
 - compressors
 - copper plating electrodes
 - dual nozzle spray guns
 - extractor fans

- heated drying racks
- mirroring formulas
- semi-automatic and computer-navigated mirroring equipment
- solution containers
- spray booths
- stripping acid tanks for re-mirroring
- tinning solution
- water distiller
- identification, handling and storage requirements for hazardous chemicals
- procedures for the preparation of glass and the mirroring process, the types of problems that may occur and how to avoid and respond
- quality indicators for mirrored glass
- handling and storage requirements for completed mirrored glass
- procedures for the recording, reporting and maintenance of workplace records and information.
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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, including:
 - equipment, tools and materials to complete tasks in Performance Evidence
 - glass product to be mirrored
 - safety and personal protective equipment
 - work orders
 - workplace procedures.

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>