



Australian Government

Assessment Requirements for MSFGG2017 Fabricate and install insect and security screens

Release: 1

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Modification History

Release 1 New unit of competency.

Note: MSFSGG2010 Fabricate and install insect and security screens was superseded by MSFSS3005 Assemble non-security and security screens and grilles in 2020, but a subsequent review found that the content of MSFSGG2010 should be restored to the qualification. This unit, MSFSGG2017, has the same title and content (with minor updates) as MSFSGG2010. MSFSGG2017 is a new unit and does not supersede any other unit.

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:

- measure, fabricate and install one hinged aluminium screen door, one sliding aluminium screen door and one aluminium window screen
- safely use at least three of the following:
 - drop saw
 - up-cut saw
 - stamping and notching tools
 - copy routers
 - end millers
 - crimpers
 - electric or pneumatic powered drills and screwdrivers
 - pop rivet guns
 - welding machine.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workflow requirements in relation to the fabrication and installation of insect and security screens
- characteristics and application of materials and fittings used in fabrication and installation of screens including:
 - extruded door framing
 - corner stakes
 - interlocks
 - fly mesh
 - heavy-duty security mesh

- emergency escape security screen
- fittings and fixing/fasteners (screws and pop rivets)
- anti-jemmy protection hardware
- hinges
- wheels
- lock mechanisms that comply with Australian Standards
- door closures
- lock guards
- workplace safety system requirements related to fabricating and installing aluminium insect and security screens
- relevant Australian Standards relating to security screen doors and security window grilles.

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 those specified in the performance evidence
- modelling of industry operating conditions.

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>