



Australian Government

LMFSS00003 SS1 Insulated Glass Unit (IGU) Manufacturing

Release: 1

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Modification History

New Skill Set

Description

The Insulated Glass Unit (IGU) Manufacturing Skill Set draws on existing LMF units and builds on existing trade or technical qualifications. They are targeted at tradespeople needing to gain the additional knowledge required to meet the new national standards and to ensure certification against "AS4666 Insulated Glass Units".

Pathways Information

These competencies can provide credit towards relevant qualifications in the Furnishing Training Package at a certificate III level and could be used as electives towards a relevant Certificate IV. Note that any prerequisite requirements are expected to have been achieved.

Licensing/Regulatory Information

This Skill Set provides additional knowledge/skills required to meet the newly introduced Australian Standard "AS4666 Insulated Glass Units" which has been produced to meet the requirements of a number of national and international standards listed below.

- AS1288 Glass in buildings - Selection and installation
- AS/NZS: 1170 Structural design actions
- ISO: 20492 Glass in buildings - insulating glass
- ASTM:
 - E2188 Standard test method for insulating glass unit performance
 - E2189 Standard test method for testing resistance to fogging in insulating glass unit
 - E2190 Standard specification for insulating glass unit performance
- EN: 1279 Glass in Building - Insulating Glass Units
- NZS : 4223 Code of practice for glazing in buildings
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Skill Set Requirements

LMFGG3001C Store and handle glass

LMFGG3012C Set up and operate Insulating glass unit manufacturing equipment

LMFGG3005C Process glass by semi-automatic and automatic machines

MSACMT251A Apply quality standards

MSAPMOHS300A Facilitate the implementation of OHS for a work group

Target Group

This Skill Set is aimed at people who have completed a qualification in Glass and Glazing or other aligned trades at a Certificate III level and who are now expected to manufacture Insulated Glass Units that conform with the Australian Standard "AS4666 Insulated Glass Units" to meet certification requirements. Note that it is expected any prerequisite requirements (or their equivalent) will have already been achieved.

Suggested words for Statement of Attainment

These competencies from the LMF02 Training Packages meet the minimum industry requirements for manufacturing of Insulated Glass Units (IGUs).

Custom Content Section

Not applicable.