



Australian Government

MSFGG4019 Manage glass and glazing industry production scheduling

Release: 1

MSFGG4019 Manage glass and glazing industry production scheduling

Modification History

Release 1. Supersedes and is equivalent to MSFGG4011 Manage glass industry production scheduling. Changes to application, elements, performance criteria and assessment requirements.

Application

This unit describes the skills and knowledge required to use planning and systems control applications to plan, monitor and adjust glazing industry production scheduling, including for glass processing and the manufacturing and installation of windows, doors and decorative glass.

This unit applies to experienced workers who interpret and use advanced technical information to develop solutions to potentially complex glass and glazing requirements. They commonly work independently and typically solve complex problems that require theoretical knowledge and experience about the specification, manufacture and installation of a wide range of glass and glazing products. Job roles commonly involve leadership and supervisory responsibilities.

At the time of this unit's release, the work described in this unit does not require licensing or certification, but state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with relevant legislation, Australian Standards, codes and manufacturers' installation instructions.

Competency Field

Glass and glazing

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify production and resource requirements	1.1 Identify production requirements from analyses of sales forecasts, stock holdings and other relevant workplace documentation 1.2 Identify and confirm production priorities by evaluating documentation and consulting with relevant internal and external personnel 1.3 Identify the factors to be taken into account and the

Elements	Performance Criteria
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	interrelationships between them when developing and managing the production schedule 1.4 Determine raw materials, packaging, consumables, equipment and human resources are adequate to meet production requirements
2. Develop production schedules	2.1 Consult with key production personnel to obtain required information about production opportunities and constraints 2.2 Develop the production schedule using a planning application to achieve quantities, budgets, timelines and other production requirements, and to minimise costs and holdings of product and maximise production efficiency 2.3 Document the production schedule in a format suited to relevant personnel and make it available to them
3. Monitor production schedules implementation	3.1 Monitor production output against the schedule 3.2 Identify variations and their causes between the schedule and output, and liaise with relevant personnel according to workplace procedures 3.3 Identify and assess the impact on production of resource shortages and other potential and actual unforeseen events 3.4 Identify and assess the impact of failures to meet delivery deadlines and other requirements and negotiate with relevant production personnel to rectify failures
4. Amend production schedules	4.1 Identify the time and resource implications of unforeseen events, revise resource requirements and adjust the schedule 4.2 Negotiate production schedule amendments with relevant production personnel 4.3 Amend and distribute schedule documentation to relevant personnel according to workplace procedures
5. Review production schedules	5.1 Identify, investigate and report variances in production against the schedule according to workplace procedures 5.2 Seek feedback from production personnel 5.3 Seek feedback from production personnel to identify opportunities to improve the production schedule 5.4 Revise the scheduling process to reflect identified improvement opportunities and communicate changes to relevant personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFGG4011 Manage glass industry production scheduling.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFGG4019 Manage glass and glazing industry production scheduling

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Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to:

- use a planning and systems control application to manage production scheduling over a complete production scheduling period.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the role and scope of the scheduling function, including relevant personnel; the information necessary for scheduling; and the impact of scheduling on related planning, purchasing, production and despatch processes
- the main features of at least one planning and systems control application and how, when and why to use those features
- the most common issues that can arise when managing glazing industry production scheduling, including using the application and failures to meet delivery timelines, and how to avoid and respond to them
- workplace policies, procedures and performance indicators relevant to their job role and responsibilities including for:
 - managing glass industry production scheduling
 - communication and reporting, including personnel to be consulted and/or notified of the production schedule and amendments, the information relevant to each, and recording systems and requirements
 - environmental protection and sustainability, including maximising resource utilisation and minimising waste
 - quality indicators for completed work and process improvements
 - work health and safety, including the use of personal protective equipment and safety data sheets
 - work planning.

Assessment Conditions

Skills must have been demonstrated in a glass and glazing production workplace.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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