



Australian Government

Department of Education, Employment and Workplace Relations

FDF30210 Certificate III in Pharmaceutical Manufacturing

Revision Number: 1

FDF30210 Certificate III in Pharmaceutical Manufacturing

Modification History

Not applicable.

Description

This qualification covers the Pharmaceutical Manufacturing specialisation.

Job Roles The Certificate III in Pharmaceutical Manufacturing targets those requiring team leader and higher production skills for pharmaceutical manufacturing environments. It builds upon industry specific skills and knowledge and allows greater emphasis on leadership, problem solving as well as increased technical ability.

Pathways into the qualification Pathways for candidates considering this qualification include:

- FDF20210 Certificate II in Pharmaceutical Manufacturing
- direct entry
- relevant vocational training and/or work experience.

Pathways from the qualification After achieving this qualification, candidates may undertake the FDF40210 Certificate IV in Pharmaceutical Manufacturing or any other suitable qualification.

Additional qualification advice

Units selected from other Training Packages must be relevant to the work outcome, local industry requirements and the qualification level.

Many units in this qualification assume a basic level of mathematics equivalent to a school sector Year 10 standard. If a student does not possess this level of mathematics then the unit FDFOP2061A Use numerical applications in the workplace should be selected as part of this qualification.

Note: AgriFood Skills Australia expects that the design of any training delivery and assessment program to support the achievement of this qualification is based on:

- the context required by the industry and/or enterprise
- a holistic and integrated training delivery and assessment plan that identifies learning activities and evidence required
- flexible delivery options including on-the-job and work-based training that support the development of competency.
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Pathways Information

Not applicable.

Licensing/Regulatory Information

Licensing, Legislative, Regulatory or Certification Considerations There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, an individual unit of competency may specify relevant licensing, legislative and/or regulatory requirements. In addition, all work must comply with Good Manufacturing Practice, occupational health and safety (OHS) and environmental regulations and legislation that apply to the workplace.

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Certificate III in Pharmaceutical Manufacturing

The following table contains a summary of the employability skills as identified by the Pharmaceutical Manufacturing industries for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that reflect skill requirements for this level.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Confirm relevant industry and workplace requirements • Understand personal and team requirements of relevant industry and workplace standards, regulations and policies • Complete standard documentation • Use communication technologies efficiently • Provide relevant work-related information to others • Ensure records are accurate and legible • Establish effective working relationships with colleagues • Undertake interactive workplace communication • Support team communication practices
Teamwork	<ul style="list-style-type: none"> • Explain and implement work team reporting requirements • Provide support to team members • Monitor work team tasks in accordance with regulatory and workplace requirements • Demonstrate and encourage others in working cooperatively with people of different ages, gender, race or religion • Undertake appropriate and effective communication with team members
Problem-solving	<ul style="list-style-type: none"> • Identify risks and implement risk control measures for machinery and equipment • Identify and address problems and faults • Provide problem solving support to team members • Evaluate skill requirements of work tasks • Use problem solving techniques to determine work requirements • Assess processes and outcomes against quality criteria
Initiative and enterprise	<ul style="list-style-type: none"> • Contribute to and promote continuous improvement processes • Seek and provide feedback on procedures and processes • Collect and assess data and information on work processes • Identify non-conformances to standards and take appropriate action

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<ul style="list-style-type: none"> • Rectify problems promptly and appropriately • Monitor and adjust activity in response to operational variations • Identify, assess and act on existing and potential risks
Planning and organising	<ul style="list-style-type: none"> • Determine work requirements in order to meet output targets • Identify priorities and variables that impact on work planning • Plan work tasks for self and others as required • Allocate tasks to operators and monitor outcomes • Implement contingency plan promptly when incidents occur • Ensure work tools are ready and available for operations
Self-management	<ul style="list-style-type: none"> • Manage own work to meet performance criteria • Monitor information in work area • Conduct regular housekeeping activities during shift to keep work area clean and tidy at all times • Maintain currency of relevant work-related information • Monitor own work against quality standards and identify areas for improvement • Understand own work activities and responsibilities • Identify and apply safety procedures, including the use of protective equipment • Manage work load priorities and timelines
Learning	<ul style="list-style-type: none"> • Recognise limits of own expertise and seek skill development if required • Assess competencies in meeting job requirements • Ask questions to expand own knowledge • Maintain skill and knowledge currency • Participate in meetings to inform work practices
Technology	<ul style="list-style-type: none"> • Use work machines and equipment in correct operational mode • Monitor machine operation • Perform minor maintenance on machinery • Work with technology safely and according to workplace standards

Packaging Rules

Packaging Rules

This qualification requires the achievement of **sixteen (16)** units of competency in accordance with the following rules.

Total units must include a minimum of nine (9) units coded FDF.

Four (4) Core units**Twelve (12) Elective units****Elective selection must include:**

- One (1) Group A elective unit
- Five (5) Group B elective units. The Group B selection may include the unit not previously selected from Group A.

Six (6) remaining elective units may be selected from:

- Group A elective units below, not previously selected
- Group B elective units, not previously selected
- Group C elective units (maximum of 3 units)
- Units packaged at Group A in FDF20210 Certificate II in Pharmaceutical Manufacturing (maximum of 5)
- Units packaged at FDF40210 Certificate in IV in Pharmaceutical Manufacturing (maximum of 3)
- Units from any nationally endorsed Training Package and accredited course that are packaged at Certificate I level (maximum 1 unit), Certificate II level (maximum 2 units) and Certificate III level (maximum 3)

NOTE: Units marked with an asterisk (*) require completion of prerequisite unit/s identified under the unit.

CORE UNITS

Complete the following four (4) units.

FDFOHS3001A	Contribute to OHS processes
FDFOP2064A	Provide and apply workplace information
FDFPH3001A	Monitor and maintain Good Manufacturing Practice procedures
MSAENV272A	Participate in environmentally sustainable work practices

ELECTIVE UNITS**GROUP A**

Complete one (1) Group A unit

FDFOP3003A	Operate inter-related processes in a production system
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FDFOP3003A Operate inter-related processes in a production system

FDFOP3004A Operate inter-related processes in a packaging system

GROUP B

Select a minimum of five (5) Group B elective units

FDFPPL3001A Participate in improvement processes

FDFPPL3002A Report on workplace performance

FDFPPL3003A Support and mentor individuals and groups

FDFPPL3004A Lead work teams and groups

FDFPPL3005A Participate in an audit process*

FDFOHS2001A Participate in OHS processes

FDFOP2063A Apply quality systems and procedures

MSAENV272A Participate in environmentally sustainable work practices

FDFPPL3006A Establish compliance requirements for work area

FDFTEC3002A Implement the pest prevention program

FDFTEC3003A Apply raw materials, ingredient and process knowledge to production problems

FDFOP3002A Set up a production or packaging line for operation

FDFOP2061A Use numerical applications in the workplace

BSBSMB405A Monitor and manage small business operations

BSBSMB407A Manage a small team

LMTGN3007B Monitor and operate trade waste process

MEM13003B Work safely with industrial chemicals and materials

MSACMC411A Lead a competitive manufacturing team

MSACMC413A Lead team culture improvement

MSAENV472A Implement and monitor environmentally sustainable work practices

FDFPPL3001A	Participate in improvement processes
MSAPMSUP303A	Identify equipment faults
MSAPMSUP330A	Develop and adjust a production schedule
MSL973001A	Perform basic tests
TLIA1507C	Complete receipt/despatch documentation
TLIA1607C	Use inventory systems to organise stock control
TLIA1807C	Organise despatch operations
TLIA1907C	Organise receipt operations
TLIA2607C	Monitor storage facilities
TLIA3807B	Control and order stock
TLIA3907B	Receive and store stock
SIRXINV002A	Maintain and order stock
SIRXRSK002A	Maintain store security
GROUP C	
FDFOHS2001A	Participate in OHS processes
FDFOP2063A	Apply quality systems and procedures
BSBCUS301A	Deliver and monitor a service to customers
BSBSMB301A	Investigate micro business opportunities
BSBSMB401A	Establish legal and risk management requirements of small business
BSBSMB402A	Plan small business finances
BSBSMB403A	Market the small business
BSBSMB404A	Undertake small business planning
BSBSMB406A	Manage small business finances
BSBWRT301A	Write simple documents

FDFOHS2001A	Participate in OHS processes
HLTFA301B	Apply first aid
MSACMC210A	Manage the impact of change on own work
MSACMC410A	Lead change in a manufacturing environment
MSACMS200A	Apply competitive manufacturing practices
MSACMS201A	Sustain process improvements
MSACMS401A	Ensure process improvements are sustained
MSACMT221A	Apply Just in Time (JIT) procedures
MSACMT230A	Apply cost factors to work practices
MSACMT231A	Interpret product costs in terms of customer requirements
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT251A	Apply quality standards
MSACMT260A	Use planning software systems in manufacturing
MSACMT261A	Use SCADA systems in manufacturing
MSACMT280A	Undertake root cause analysis
MSACMT281A	Contribute to the application of a proactive maintenance strategy
MSACMT421A	Facilitate a Just in Time (JIT) system
MSACMT423A	Monitor a manufacturing levelled pull system* <i>MSACMT280A Undertake root cause analysis</i>
MSACMT440A	Lead 5S in a manufacturing environment
MSACMT441A	Facilitate continuous improvement in manufacturing
MSACMT450A	Undertake process capability improvements* <i>MSACMT452A Apply statistics to processes in manufacturing</i>
MSACMT451A	Mistake proof a production process

FDFOHS2001A	Participate in OHS processes
MSACMT452A	Apply statistics to processes in manufacturing
MSACMT460A	Facilitate the use of planning software systems in manufacturing*
	<i>MSACMT260A Use planning software systems in manufacturing</i>
MSACMT482A	Assist in implementing a proactive maintenance strategy
MSACMT483A	Support proactive maintenance
MSAPMOPS405A	Identify problems in fluid power system
MSAPMOPS406A	Identify problems in electronic control systems
MSAPMPER300A	Issue work permits
MSAPMSUP310A	Contribute to development of plant documentation
MSAPMSUP390A	Use structured problem solving tools
MSL922001A	Record and present data
TAEASS401A	Plan assessment activities and processes
TAEASS402A	Assess competence
TAEASS403A	Participate in assessment validation
TAEDEL301A	Provide work skill instruction