



Australian Government

Department of Education, Employment and Workplace Relations

ICP31112 Certificate III in Printing and Graphic Arts (Ink Manufacture)

Release: 1

ICP31112 Certificate III in Printing and Graphic Arts (Ink Manufacture)

Modification History

Release	Comments
Release 1	<p>This Qualification first released with <i>ICP10 Printing and Graphic Arts Training Package version 2.0</i>.</p> <p>Core unit 'BSBSUS301A Implement and monitor environmentally sustainable work practices' replaced with 'BSBSUS201A Participate in environmentally sustainable work practices', and native and imported units updated.</p> <p>Replaces ICP31110 Certificate III in Printing and Graphic Arts (Ink Manufacture).</p>

Description

This qualification applies to skilled operators engaged in the ink manufacturing sector of the printing industry. They apply a range of competencies, using some discretion and judgement and relevant theoretical knowledge. They undertake appropriate testing procedures for each stage of product manufacture, evaluate and implement improvements. They may also provide guidance to others with some limited responsibility for the output of others.

Job Roles

- Ink mixer

Pathways Information

Pathways into the qualification

Candidates may enter the qualification with limited or no vocational experience and without a relevant lower level qualification. However, the preferred pathway for candidates entering this qualification is one of the following qualifications:

- ICP20110 Certificate II in Printing and Graphic Arts (General)
- ICP21110 Certificate II in Printing and Graphic Arts (Ink Manufacture).

Pathways from the qualification

At the completion of this qualification candidates could choose to enter a:

- ICP40610 Certificate IV in Printing and Graphic Arts (Management/Sales)
- ICP40710 Certificate IV in Printing and Graphic Arts (Process Leadership).

Licensing/Regulatory Information

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

Entry Requirements

There are no entry requirements for this qualification.

Employability Skills Summary

The following table contains a summary of the Employability Skills required for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • reading and interpreting job specifications from job documentation or the production control system • using printing industry terminology and vocabulary correctly and accurately
Teamwork	<ul style="list-style-type: none"> • operating production processes in association with fellow workers
Problem solving	<ul style="list-style-type: none"> • monitoring production quality and making minor adjustments to processes • monitoring variation of inks against quality standards and taking corrective action to rectify any problems
Initiative and enterprise	<ul style="list-style-type: none"> • monitoring trends in the printing industry to inform personal work practices
Planning and organising	<ul style="list-style-type: none"> • preparing the production schedule according to production, inventory, procurements, time constraints and supply capacities and requirements • selecting and preparing equipment for manufacture and quality testing of inks
Self-management	<ul style="list-style-type: none"> • following procedures and using personal protective equipment correctly • maintaining security and confidentiality of client and enterprise data and information
Learning	<ul style="list-style-type: none"> • giving and following simple routine instructions
Technology	<ul style="list-style-type: none"> • selecting and using laboratory testing equipment and techniques to test the quality of inks • using computerised control, monitoring and data entry systems • using information technology, such as computer hardware and software to access data from files

Packaging Rules

Total number of units = 19 units

4 core units *plus*

6 elective units from Group A *plus*

9 elective units from Group B.

Up to **2 elective units** from Group A can be substituted with Group B elective units listed below.

5 elective units must be selected from the Group B elective units listed below.

Up to **4 Group B elective units** may be selected from the remaining elective units or from qualifications at the same qualification level or one level higher, in this Training Package or any other endorsed Training Package or accredited course.

Elective units must be relevant to the qualification level, job role, work outcome and industry requirements. Unit selection is by negotiation and mutual agreement between the employee, employer and the RTO and is based on enterprise and individual needs.

Core Units

BSBSUS201A Participate in environmentally sustainable work practices

ICPSU216C Inspect quality against required standards

ICPSU260C Maintain a safe work environment

ICPSU262C Communicate in the workplace

Group A Elective Units

ICPIM211C Select and prepare materials for production

ICPIM221C Blend chemicals

ICPIM331C Manufacture inks and coatings

ICPKN317C Apply knowledge and requirements of the ink manufacturing sector

ICPPP430C Manage colour

ICPSU203C Prepare and maintain the work area

ICPSU263C Perform basic industry calculations

Group B Elective Units

ICPSU271C Provide basic instruction for a task

ICPSU321C Pack and dispatch (advanced)

ICPSU342C Undertake inventory procedures

ICPSU345C Purchase materials and schedule deliveries

ICPSU351C Undertake basic production scheduling

ICPSU362C Communicate as part of a work team

ICPSU381C Operate and maintain computer resources

ICPSU417C Perform laboratory quality tests of materials and finished product

ICPSU554C Manage teams

MSACMC210A Manage the impact of change on own work
MSACMS200A Apply competitive manufacturing practices
MSACMS201A Sustain process improvements
MSACMT230A Apply cost factors to work practices
MSACMT240A Apply 5S procedures in a manufacturing environment
MSACMT280A Undertake root cause analysis
MSAENV272B Participate in environmentally sustainable work practices
MSAPMSUP390A Use structured problem solving tools
MSL933001A Maintain the laboratory/field workplace fit for purpose
MSL954001A Obtain representative samples in accordance with sampling plan
MSL973001A Perform basic tests
MSL973002A Prepare working solutions
MSL974001A Prepare, standardise and use solutions