Australian Government

Department of Education, Employment and Workplace Relations

ICP31110 Certificate III in Printing and Graphic Arts (Ink Manufacture)

Revision Number: 1

ISC INDUSTRY SKILLS COUNCILS
Creating Australia's Future

ICP31110 Certificate III in Printing and Graphic Arts (Ink Manufacture)

Modification History

Not applicable.

Description

Descriptor
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

Qualification Pathways
Entry requirements
There are no entry requirements for this qualification.

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).
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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, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

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Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
ICP31110 Certificate III in Printing and Graphic Arts (Ink Manufacture)	
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	• reading and interpreting job specifications from job documentation or the production control system • using printing industry terminology and vocabulary correctly and accurately
Teamwork	• operating production processes in association with fellow workers
Problem solving	• 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	• monitoring trends in the printing industry to inform personal work practices
Planning and organising	• 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	• following procedures and using personal protective equipment correctly • maintaining security and confidentiality of client and enterprise data and information
Learning	• giving and following simple routine instructions
Technology	• 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

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

BSBSUS301A   Implement and monitor 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

Packaging Rules	
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
MSAENV272A	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	