



Australian Government

Department of Education, Employment and Workplace Relations

ICP21110 Certificate II in Printing and Graphic Arts (Ink Manufacture)

Revision Number: 1

ICP21110 Certificate II in Printing and Graphic Arts (Ink Manufacture)

Modification History

Not applicable.

Description

Descriptor

This qualification applies to individuals who perform a range of mainly routine tasks in the ink manufacturing sector of the printing and graphic arts industry. They select and prepare material, maintain the manufacturing process and apply quality control against required standards. They will generally work under direct supervision and use limited practical skills and fundamental operational knowledge in a defined context.

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.

Pathways from the qualification

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

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

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

ICP21110 Certificate II 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	<ul style="list-style-type: none"> • completing records, logs and checklists documenting ink manufacture documenting consumables used when maintaining small machines for reordering purposes • reading and interpreting job requirements
Teamwork	<ul style="list-style-type: none"> • liaising with subcontractors, printers and waste agencies when disposing of waste • manufacturing inks and coatings in association with fellow workers
Problem solving	<ul style="list-style-type: none"> • identifying quality problems and adjusting the equipment/mix to correct them
Initiative and enterprise	<ul style="list-style-type: none"> • anticipating production difficulties and taking preventative action • recommending changes to waste disposal procedures
Planning and organising	<ul style="list-style-type: none"> • organising appropriate equipment for transferring materials • selecting and organising chemicals, inks, materials and equipment to manufacture ink • selecting tools and planning for basic machine maintenance
Self-management	<ul style="list-style-type: none"> • following procedures and using personal protective equipment correctly
Learning	<ul style="list-style-type: none"> • giving and following simple routine instructions
Technology	<ul style="list-style-type: none"> • checking weighing and measuring devices for accuracy and recalibrating them if necessary • using computerised control, monitoring and data entry systems

Packaging Rules

Packaging Rules

Total number of units = 15

Packaging Rules

4 core units, plus

5 elective units from Group A, plus

6 elective units from Group B.

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

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

Up to **3 Group B elective units** may be selected from the remaining elective units or from qualifications at the same 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

ICPSU203C Prepare and maintain the work area

ICPSU221C Pack and dispatch product

ICPSU263C Perform basic industry calculations

ICPSU281C Use computer systems

Group B Elective Units

ICPIM251C Filter and pack product

ICPIM331C Manufacture inks and coatings

Packaging Rules

ICPIM335C	Manufacture varnish and resin
ICPSU222C	Pack and dispatch solid waste
ICPSU224C	Perform basic machine maintenance
ICPSU235C	Lift loads mechanically
ICPSU236C	Shift loads mechanically
ICPSU241C	Undertake warehouse or stores materials processing
ICPSU261C	Follow OHS practices and identify environmental hazards
ICPSU281C	Use computer systems
ICPSU323C	Dispose of waste
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