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

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

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).

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.

Packaging Rules
Total number of units = 15
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
- 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
Employability Skills for ICP21110 Certificate II in Printing and Graphic Arts (Ink Manufacture)

The following table contains a summary of the employability skills 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 may vary depending on the packaging options.

### Employability Skill

#### Industry/enterprise requirements for this qualification include:

**Communication**
- completing records, logs and checklists documenting ink manufacture documenting consumables used when maintaining small machines for reordering purposes
- reading and interpreting job requirements

**Teamwork**
- liaising with subcontractors, printers and waste agencies when disposing of waste
- manufacturing inks and coatings in association with fellow workers

**Problem solving**
- identifying quality problems and adjusting the equipment/mix to correct them

**Initiative and enterprise**
- anticipating production difficulties and taking preventative action
- recommending changes to waste disposal procedures

**Planning and organising**
- 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**
- following procedures and using personal protective equipment correctly

**Learning**
- giving and following simple routine instructions

**Technology**
- checking weighing and measuring devices for accuracy and recalibrating them if necessary
- using computerised control, monitoring and data entry systems

### EMPLOYABILITY SKILLS QUALIFICATION 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.