



Australian Government

Department of Education, Employment and Workplace Relations

ICP30612 Certificate III in Printing and Graphic Arts (Screen Printing)

Release: 1

ICP30612 Certificate III in Printing and Graphic Arts (Screen Printing)

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 ICP30610 Certificate III in Printing and Graphic Arts (Screen Printing).</p>

Description

This qualification applies to individuals working as screen printers in the printing and graphic arts industry. They set up and operate power driven or hand-operated, screen printing machines to create visual images. They may also provide leadership and guidance to others with some limited responsibility for the output of others.

Job Roles

- Screen printer and stencil preparer

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)
- ICP20210 Certificate II in Printing and Graphic Arts (Desktop Publishing)
- ICP20410 Certificate II in Printing and Graphic Arts (Print Production Support)
- ICP20510 Certificate II in Printing and Graphic Arts (Screen Printing).

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.

Units in Qualification with Prerequisites

Code and title	Prerequisite units required
ICPPP311C Develop a detailed design concept	ICPPP211C Develop a basic design concept
ICPPP321C Produce a typographic image	ICPPP221C Select and apply type
ICPSU311C Prepare ink and additives (advanced)	ICPSU211C Prepare ink and additives

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">• negotiating requirements and methods of production with clients• reading and interpreting job requirements• using printing industry terminology and vocabulary correctly and accurately
Teamwork	<ul style="list-style-type: none">• operating production processes in association with fellow workers according to the planned daily schedule• working with clients to decide on the best printing processes
Problem solving	<ul style="list-style-type: none">• conducting a proof run, inspecting and testing the proof for quality and adjusting the printing machinery to ensure the product meets quality criteria• monitoring production quality and making minor adjustments to processes
Initiative and enterprise	<ul style="list-style-type: none">• making recommendations on possible solutions when planning printing operations• monitoring trends in the printing industry to inform personal work practices
Planning and organising	<ul style="list-style-type: none">• accessing data about machine capabilities, production processes and customer needs and using them in the planning process• selecting inks, additives and screens when planning for modified or new printing operations
Self-management	<ul style="list-style-type: none">• following procedures and using personal protective equipment correctly
Learning	<ul style="list-style-type: none">• demonstrating knowledge of company services, equipment capabilities, limitations and work flow• giving and following simple routine instructions
Technology	<ul style="list-style-type: none">• 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 = 21 units

4 core units *plus*

11 elective units from Group A *plus*

6 elective units from Group B, Group C or Group D.

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

At least **1 elective unit** must be selected from Group B and **1 elective unit** from Group C. The remaining elective units may be selected from Group B, Group C or Group D elective units.

Up to **2 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

ICPKN314C Apply knowledge and requirements of the screen printing sector

ICPPP382C Produce computer image for screen printing

ICPSP215C Prepare screen

ICPSP233C Manually prepare direct emulsion stencil

ICPSP311C Reclaim screen manually

ICPSU202C Prepare, load and unload product on and off machine

ICPSU203C Prepare and maintain the work area

ICPSU211C Prepare ink and additives

ICPSU263C Perform basic industry calculations

ICPSU281C Use computer systems

ICPSU352C Plan operational processes

ICPSU362C Communicate as part of a work team

Group B Elective Units

ICPSP235C Prepare stencil using photographic indirect method

ICPSP337D Prepare stencil using photographic capillary method

ICPSP282A Prepare film for basic screen printing
ICPSP333C Automatically prepare direct emulsion stencil
ICPSP339C Prepare stencil using direct projection method
ICPSP341C Prepare stencil using direct electronic imaging method

Group C Elective Units

ICPSP371C Manually produce complex screen prints **OR**
ICPSP373C Semi-automatically produce complex screen prints **OR**
ICPSP376C Operate an automatic screen printing machine **OR**
ICPSP374C Operate a semi-automatic screen printing machine

Group D Elective Units

ICPCF220C Produce basic converted or finished product
ICPCF221C Set up and produce basic guillotined product
ICPCF225C Set up machine for basic flat-bed die cutting or embossing
ICPCF231C Set up machine for basic flat-bed cutting
ICPPP211C Develop a basic design concept
ICPPP221C Select and apply type
ICPPP286A Scan images for reproduction
ICPPP223C Photograph a line image
ICPPP224C Produce pages using a page layout application
ICPPP231C Manually combine spot colour and basic four-colour images
ICPPP232C Electronically combine and assemble data
ICPPP252C Output images
ICPPP283C Prepare artwork for screen printing
ICPPP311C Develop a detailed design concept
ICPPP321C Produce a typographic image
ICPPP322C Digitise images for reproduction
ICPPP323C Photograph and produce halftone images
ICPPP334C Prepare an imposition format for printing processes
ICPPP352C Output complex images
ICPPP422C Digitise complex images for reproduction
ICPPP430C Manage colour
ICPPR342C Produce complex pad printed product
ICPPR382C Produce and manage complex digital print
ICPPR441C Set up for complex pad printing
ICPPR496A Set up and produce complex digital print
ICPSP211C Reclaim screen automatically
ICPSP221C Prepare substrate
ICPSP271C Manually produce basic screen prints
ICPSP273C Semi-automatically produce basic screen prints
ICPSP275C Automatically produce basic screen prints
ICPSP281C Finish screen print products
ICPSP351C Prepare machine and drying/curing unit
ICPSP383A Prepare film for complex screen printing
ICPSU241C Undertake warehouse or stores materials processing

ICPSU311C Prepare ink and additives (advanced)
ICPSU321C Pack and dispatch (advanced)
ICPSU323C Dispose of waste
ICPSU351C Undertake basic production scheduling
ICPSU381C Operate and maintain computer resources
ICPSU464C Provide customer service and education
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
MSAPMSUP390A Use structured problem solving tools