



Australian Government

ICP31220 Certificate III in Printing

Release 1

ICP31220 Certificate III in Printing

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Qualification Description

This qualification applies to individuals working as print machinists who typically set up and operate letterpress, lithographic, flexographic, gravure printing presses, digital printers or screen printers and work on a range of printed products. They prepare material, monitor and run equipment and machinery and apply solutions to a defined range of unpredictable problems. They may also provide guidance to others with some limited responsibility for the output of others.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil

Packaging Rules

Total number of units = 21

5 core units, plus

16 elective units of which:

- 4 elective units must be from Group A Technical units
- 6 elective units must be from Group A Technical units and/or Group B Support units
- 3 units must be chosen from Group A Technical units, Group B Support units or any other qualification in ICP Training Package at this level or one level below or above
- 3 units may be selected from the remaining listed elective units or any currently endorsed training package or accredited course at Certificate III or IV level.

Elective units must be relevant to the work environment and the qualification, maintain the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome.

Specialisations

Where relevant, specialisations can be used for this qualification in:

- Gravure Printing
- Lithographic Printing
- Relief Printing
- Digital Printing
- Pad Printing
- Flexographic Printing
- Screen Printing

The achievement of a specialisation will be identified on testamurs as follows:

- ICP31220 Certificate III in Printing (Gravure Printing)
- ICP31220 Certificate III in Printing (Lithographic Printing)
- ICP31220 Certificate III in Printing (Relief Printing)
- ICP31220 Certificate III in Printing (Digital Printing)
- ICP31220 Certificate III in Printing (Pad Printing)
- ICP31220 Certificate III in Printing (Flexographic Printing)
- ICP31220 Certificate III in Printing (Screen Printing).

Gravure Printing

Select the following 4 elective units:

- ICPPRN2220 Produce basic gravure printed product
- ICPPRN3210 Set up for basic gravure printing
- ICPPRN3220 Produce complex gravure printed product
- ICPPRN4210 Set up for complex gravure printing.

Lithographic Printing

Select the following 4 elective units:

- ICPPRN2320 Produce basic lithographic printed product
- ICPPRN3310 Set up for basic lithographic printing
- ICPPRN3320 Produce complex lithographic printed product
- ICPPRN4310 Set up for complex lithographic printing.

Relief Printing

Select the following 4 elective units:

- ICPPRN2880 Produce basic relief printed product
- ICPPRN3930 Set up for basic relief printing
- ICPPRN3940 Produce complex relief printed product
- ICPPRN4510 Set up for complex relief printing.

Digital Printing

Select the following 3 elective units:

- ICPPRN3840 Set up and produce basic digital print
- ICPPRN3920 Set up and produce specialised digital print
- ICPPRN4960* Set up and produce complex digital print.

Pad Printing

Select the following 4 elective units:

- ICPPRN2420 Produce basic pad printed product
- ICPPRN3410 Set up for basic pad printing
- ICPPRN3420 Produce complex pad printed product
- ICPPRN4410 Set up for complex pad printing.

Flexographic Printing

Select the following 4 elective units:

- ICPPRN2140 Produce basic flexographic printed product
- ICPPRN3130 Set up for basic flexographic printing
- ICPPRN3140 Produce complex flexographic printed product
- ICPPRN4130 Set up for complex flexographic printing.

Screen Printing

Select the following 2 elective units:

- ICPSCP2820 Prepare film for basic screen printing
- ICPSCP3830 Prepare film for complex screen printing.

Core units

BSBSUS201 Participate in environmentally sustainable work practices

ICPKNW3220 Develop and apply knowledge of the printing and graphic arts industry

ICPSUP2160 Inspect quality against required standards in a production environment

ICPSUP2600 Maintain a safe work environment

ICPSUP2620 Communicate in the workplace

Elective units**Group A Technical units****Converting, binding and finishing**

ICPCBF2810 Set up machine for basic laminating

ICPCBF2820 Produce basic laminated product

Printing

ICPPRN262 Produce foil stamped product

ICPPRN271 Set up for basic coating

ICPPRN272 Produce basic coated product
ICPPRN284 Use colour management systems
ICPPRN471 Set up for complex coating
ICPPRN472 Produce complex coated product
ICPPRN2110 Mount and proof flexographic plates for basic printing
ICPPRN2140 Produce basic flexographic printed product
ICPPRN2220 Produce basic gravure printed product
ICPPRN2320 Produce basic lithographic printed product
ICPPRN2420 Produce basic pad printed product
ICPPRN2610 Set up for foil stamping
ICPPRN2820 Produce and manage basic digital print
ICPPRN2850 Use digital workflow
ICPPRN2880 Produce basic relief printed product
ICPPRN3130 Set up for basic flexographic printing
ICPPRN3140 Produce complex flexographic printed product
ICPPRN3210 Set up for basic gravure printing
ICPPRN3220 Produce complex gravure printed product
ICPPRN3310 Set up for basic lithographic printing
ICPPRN3320 Produce complex lithographic printed product
ICPPRN3410 Set up for basic pad printing
ICPPRN3420 Produce complex pad printed product
ICPPRN3820 Produce and manage complex digital print
ICPPRN3830 Prepare for personalised digital printing
ICPPRN3840 Set up and produce basic digital print
ICPPRN3850* Apply software applications to digital production
ICPPRN3860 Troubleshoot digital media
ICPPRN3870* Use colour management for production
ICPPRN3880 Preflight and import complex images for digital devices
ICPPRN3890 Manage digital files
ICPPRN3900 Generate proofs for digital production
ICPPRN3920 Set up and produce specialised digital print
ICPPRN3930 Set up for basic relief printing
ICPPRN3940 Produce complex relief printed product
ICPPRN4110 Mount and demount flexographic plates for complex printing
ICPPRN4130 Set up for complex flexographic printing
ICPPRN4210 Set up for complex gravure printing
ICPPRN4310 Set up for complex lithographic printing
ICPPRN4410 Set up for complex pad printing
ICPPRN4510 Set up for complex relief printing
ICPPRN4840 Prepare for variable data printing

ICPPRN4940* Apply advanced software applications to digital production

ICPPRN4950* Set up and use complex colour management for production

ICPPRN4960* Set up and produce complex digital print

ICPPRN4970 Work with digital information

Screen printing

ICPSCP374 Operate a semi-automatic screen printing machine

ICPSCP2150 Prepare screen

ICPSCP2210 Prepare substrate

ICPSCP2330 Manually prepare direct emulsion stencil

ICPSCP2700 Manually prepare and produce screen prints

ICPSCP2710 Manually produce basic screen prints

ICPSCP2730 Semi-automatically produce basic screen prints

ICPSCP2750 Automatically produce basic screen prints

ICPSCP2810 Finish screen print products

ICPSCP2820 Prepare film for basic screen printing

ICPSCP3110 Reclaim screen manually

ICPSCP339 Prepare stencil using direct projection method

ICPSCP3510 Prepare machine and drying/curing unit

ICPSCP3710 Manually produce complex screen prints

ICPSCP3730 Semi-automatically produce complex screen prints

ICPSCP3760 Operate an automatic screen printing machine

ICPSCP382 Produce computer images for screen printing

ICPSCP3830 Prepare film for complex screen printing

Group B Support units

BSBCUS301 Deliver and monitor a service to customers

BSBIPR401 Use and respect copyright

BSBITU306 Design and produce business documents

BSBSMB301 Investigate micro business opportunities

BSBSMB402 Plan small business finances

BSBSMB403 Market the small business

ICPCBF220 Produce basic converted or finished product

ICPCBF228 Produce basic rotary die cut or embossed product

ICPCBF235 Set up machine for basic rotary cutting

ICPCBF236 Produce basic rotary cut product

ICPCBF2210 Set up and produce basic guillotined product

ICPCBF2250 Set up machine for basic flat-bed die cutting or embossing

ICPCBF2260 Produce basic flat-bed die cut or embossed product

ICPCBF2310 Set up machine for basic flat-bed cutting

ICPCBF2320 Produce basic flat-bed cut product

ICPCBF2410 Set up machine for basic folding
ICPCBF2420 Produce basic folded product
ICPCBF2430 Set up machine for basic collating or inserting (sheet/section)
ICPCBF2440 Produce basic collated or inserted (sheet/section) product
ICPCBF3270 Set up machine for complex rotary die cutting or embossing
ICPCBF3280 Produce complex rotary die cut or embossed product
ICPCBF3410 Set up machine for complex sequenced or multiple folding
ICPCBF3810 Set up machine for complex laminating
ICPCBF3820 Produce complex laminated product
ICPPRP224 Produce pages using a page layout application
ICPPRP2110 Develop basic design concepts
ICPPRP2210 Select and apply type
ICPPRP2320 Electronically combine and assemble data for page layouts
ICPPRP2520 Output images
ICPPRP2670 Produce offset lithographic plates
ICPPRP2680 Produce flexographic photopolymer plates
ICPPRP2840 Produce PDF files for online and screen display
ICPPRP2860 Scan images for reproduction
ICPPRP2970 Transfer digital images
ICPPRP3110* Develop detailed design concepts
ICPPRP3210* Produce typographic images
ICPPRP3220 Digitise images for reproduction
ICPPRP3340 Prepare an imposition format for printing processes
ICPPRP3820 Produce computer images for screen printing
ICPPRP3850 Operate databases for digital printing
ICPPRP3960* Generate high-end PDF files
ICPPRP4300 Manage colour
ICPPRP4840 Set up and operate automated workflow
ICPPTD301 Manipulate 3D files in preparation for 3D printing
ICPPTD302 Set up and produce 3D prints
ICPPTD303 Set up and produce 3D scans
ICPPTD304 Apply problem solving techniques to 3D printing maintenance and operation
ICPSUP311* Prepare ink and additives (advanced)
ICPSUP351 Undertake basic production scheduling
ICPSUP352 Plan operational processes
ICPSUP2010 Prepare, load and unload reels and cores on and off machine
ICPSUP2020 Prepare, load and unload product on and off machine
ICPSUP2030 Prepare and maintain the work area
ICPSUP2070 Prepare machine for operation (basic)

ICPSUP2080 Operate and monitor machines (basic)
 ICPSUP2110 Prepare inks and additives
 ICPSUP2210 Pack and dispatch product
 ICPSUP2360 Lift and shift loads mechanically
 ICPSUP2410 Undertake warehouse materials processing
 ICPSUP2630 Perform basic industry calculations
 ICPSUP2810 Use computer systems in the printing and graphic arts sectors
 ICPSUP2820 Undertake basic machine maintenance
 ICPSUP3210 Pack and dispatch (advanced)
 ICPSUP3230 Dispose of waste
 ICPSUP3420 Undertake inventory procedures
 ICPSUP3570 Apply quick changeover procedures
 ICTWEB429 Create a markup language document to specification
 MSMPMC326 Deliver customer service
 MSMSUP390 Use structured problem-solving tools
 MSS402001 Apply competitive systems and practices
 MSS402002 Sustain process improvements
 MSS402010 Manage the impact of change on own work
 MSS402040 Apply 5S procedures
 MSS402080 Undertake root cause analysis
 MSS402082 Apply cost factors to work practices
 SIRXPDK001 Advise on products and services
 SIRXSLS001 Sell to the retail customer

*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit
ICPSUP311 Prepare ink and additives (advanced)	ICPSUP2110 Prepare inks and additives
ICPPRN3850 Apply software applications to digital production	ICPSUP2810 Use computer systems in the printing and graphic arts sectors
ICPPRN3870 Use colour management for production	ICPPRN284 Use colour management systems
ICPPRN4940 Apply advanced software applications to digital production	ICPPRN3850 Apply software applications to digital production
ICPPRN4950 Set up and use complex colour management for production	ICPPRN3870 Use colour management for production

Unit in this qualification	Prerequisite unit
ICPPRN4960 Set up and produce complex digital print	ICPPRN3840 Set up and produce basic digital print
ICPPRP3110 Develop detailed design concepts	ICPPRP2110 Develop basic design concepts
ICPPRP3210 Produce typographic images	ICPPRP2210 Select and apply type
ICPPRP3960 Generate high-end PDF files	ICPPRP2840 Produce PDF files for online and screen display

Qualification Mapping Information

No equivalent qualification. Supersedes and is not equivalent to ICP31215 Certificate III in Printing.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>