



Australian Government

ICPPRP4350 Generate complex imposition

Release: 1

ICPPRP4350 Generate complex imposition

Modification History

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

Application

This unit describes the skills and knowledge required to undertake complex electronic imposition.

It applies to individuals who work in the graphic pre-press sector of the printing and graphic arts industry. The individual takes responsibility for meeting job specifications with a minimum delay in workflow.

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

Unit Sector

Pre-Press

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Impose images electronically	1.1 Identify job and manufacturer specifications and industry designated software for job 1.2 Apply industry designated software to imposition of images 1.3 Assess imposition options and confirm best fit for final substrate size 1.4 Review press particularities and trapping variables in industry designated software
2. Finalise imposition	2.1 Check and correct technical problems with imposition in imposition scheme according to enterprise and work health and safety (WHS) requirements and manufacturer specifications 2.2 Identify the cutting, creasing and folding requirements for the job

ELEMENT	PERFORMANCE CRITERIA
	2.3 Prepare a lay-down sheet according to cutting and creasing and folding requirements 2.4 Calculate binding and finishing requirements according to job specifications

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	Identifies and evaluates text to establish job requirements
Numeracy	Analyses a range of mathematical information used in familiar and routine tasks
Self-management	- Takes responsibility for planning and organising own workload and assembles required resources - Takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts
Planning and Organising	Ensures technical and production issues are taken into account in decision-making
Technology	Utilises a broad range of features within applications, optimising software functions for specific purposes

Unit Mapping Information

Supersedes and is equivalent to ICPPRP435 Generate complex imposition.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICPPRP4350 Generate complex imposition

Modification History

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

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of the unit, including evidence of the ability to:

- produce two complex impositions that meet agreed job specifications.

In the course of the above, the candidate must:

- identify the substrate and printing process required for reproduction
- evaluate and select from a range of imposition options to generate the required specifications.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- effect of subsequent printing processes and electronic output on imposition
- the purpose of imposition marks
- principles of imposition, including:
 - the difference between saddle stitch and perfect binding
 - the purpose of head margins
 - the difference between sheetwise and work and turn methods
- preparation of data, including:
 - trapping requirements
 - considerations when saving a PostScript file
 - requirements of an imposition set up document
- use of imposition programs, including:
 - installation of fold and cut marks
 - nomination of creep settings
 - creep and bottling

- output techniques, including:
 - the need for an available server signature for the output station
 - techniques used to verify pictures and fonts are available
 - the purpose of a mock-up
- manufacturer manuals, enterprise procedures and work health and safety (WHS) documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the area of work.

This includes access to:

- output devices
- industry software packages.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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