



Australian Government

ICPPRN4950 Set up and use complex colour management for production

Release: 1

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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 create profiles and finger-print presses to obtain the best match across colour devices.

It applies to individuals who undertake complex colour management techniques to customise a workflow in their particular workplace.

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

Pre-requisite Unit

ICPPRN3870 Use colour management for production

Unit Sector

Printing

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. Finger-print press	1.1 Select and produce test charts as required 1.2 Prepare press according to enterprise procedures and work health and safety (WHS) requirements 1.3 Print test chart
2. Measure press test charts	2.1 Calibrate colour measurement devices and measure printed test charts

ELEMENT	PERFORMANCE CRITERIA
	2.2 Measure multiple charts and record results 2.3 Use software to average multiple measurements
3. Create and use custom press profiles	3.1 Select reference file to match printed chart 3.2 Use profiling software to create an output press profile from the averaged measurement file and test profile and edit as required 3.3 Insert profile into colour workflow
4. Maintain custom colour management workflow	4.1 Monitor and record printing conditions according to enterprise requirements 4.2 Calibrate digital devices as required

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Writing	<ul style="list-style-type: none"> Completes records according to enterprise requirements
Numeracy	<ul style="list-style-type: none"> Uses colour measurement devices to perform calculations in relation to colour profiles
Self-management	<ul style="list-style-type: none"> Complies with enterprise procedures relevant to own role
Planning and organising	<ul style="list-style-type: none"> Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency and assembles required resources
Problem solving	<ul style="list-style-type: none"> Responds to predictable problems and implements standard or logical solutions related to role in immediate work environment
Technology	<ul style="list-style-type: none"> Utilises a broad range of digital features optimising software functions for specific purposes

Unit Mapping Information

Supersedes and is equivalent to ICPPRN495 Set up and use complex colour management for production.

Links

Companion Volume Implementation Guide is found on VETNet -

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