



**Australian Government**

# **ICPSUP311 Prepare ink and additives (advanced)**

**Release: 1**

## ICPSUP311 Prepare ink and additives (advanced)

### Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

### Application

This unit describes the skills and knowledge required to prepare inks and additives for special colour work or other special purpose inks.

It applies to individuals who perform a range of defined tasks relating to the printing and screen printing industry, and who may also provide some leadership and guidance to others with some limited responsibility for the output of others.

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

### Pre-requisite Unit

ICPSUP211	Prepare ink and additives
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### Unit Sector

Support

### 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. Select ink for special colour work or other specialised purpose	1.1 Inks and additives are selected according to job specifications 1.2 Quality and suitability of inks or additives are checked and appropriate action is taken to meet quality standards of client requirements and enterprise and industry standards 1.3 Inks are selected according to end-use of product, suitability of substrate, adhesion, physical and chemical resistance, light

ELEMENT	PERFORMANCE CRITERIA
	fastness, drying method and print process
2. Maintain and calibrate equipment	2.1 Equipment is inspected to ensure it is functional, and where necessary appropriate remedial action is taken prior to commencement 2.2 Equipment is calibrated, cleaned and adjusted according to manufacturer's/supplier's instructions
3. Prepare ink for special colour work or other specialised purpose	3.1 Inks and additives are prepared according to work health and safety (WHS) requirements and manufacturer's/supplier's instructions with suitable precautions to minimise waste 3.2 Correct colour and weight/volume of ink are calculated, mixed and prepared to match requirements of the job specification and the printing machine to be used 3.3 Formulation of ink and approved colour is appropriately recorded
4. Store and handle ink	4.1 Inks and additives are appropriately stored, handled and labelled according to manufacturer's/supplier's instructions to prevent damage and hazards to personnel

## Foundation Skills

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

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 2.2, 3.1, 3.2, 4.1	<ul style="list-style-type: none"> <li>Recognises and interprets textual information to establish job requirements from relevant information</li> </ul>
Writing	3.3, 4.1	<ul style="list-style-type: none"> <li>Uses clear, specific and industry-related terminology to complete and update workplace documentation</li> </ul>
Numeracy	2.2, 3.1-3.3	<ul style="list-style-type: none"> <li>Uses basic mathematical formula to calculate whole numbers and decimals to determine supplies quantities</li> </ul>
Navigate the world of work	1.2, 3.1, 4.1	<ul style="list-style-type: none"> <li>Recognises and follows organisational and legislative requirements associated with own role</li> </ul>
Get the work done	1.1-1.3, 2.1, 2.2, 3.1, 4.1	<ul style="list-style-type: none"> <li>Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency</li> </ul>

		<ul style="list-style-type: none"> <li>• Initiates standard procedures when responding to familiar problems within immediate context</li> <li>• Understands purposes, specific functions and key features of common digital systems and tools and operates them effectively to complete routine tasks</li> </ul>
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## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSUP311 Prepare ink and additives (advanced)	ICPSU311C Prepare ink and additives (advanced)	Updated to meet Standards for Training Packages	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet -

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