



**Australian Government**

# **Assessment Requirements for ICPSUP211**

## **Prepare ink and additives**

**Release: 1**

# Assessment Requirements for ICPSUP211 Prepare ink and additives

## Modification History

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

## Performance Evidence

Evidence of the ability to:

- correctly prepare ink and additives as required by job specifications
- prepare at least TWO lots of inks or additives to match a colour sample and specific end-use requirements according to workplace specifications.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

## Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify health and safety concerns related to preparation and matching of inks and additives
- describe how inks and additives are correctly selected to match process and job requirements
- explain how to determine suitability of ink for the particular process
- describe characteristics of the chosen ink matched to the substrate
- explain how to determine if ink adheres to the substrate
- describe how to determine physical, chemical and light or colour fastness of ink
- explain how correct handling procedures are determined
- describe how to determine correct weight/volume required
- outline methods to check and adjust ink colour and consistency
- explain how to ensure quality of ink or additive is the required standard
- describe the effect lighting conditions have on colour matching
- outline how to determine compatibility of the ink being mixed
- explain how to check inks for correct colour
- list Material safety Data sheets (MSDS) for this ink system that are at hand
- describe environmental conditions relevant to the storage of inks and additives

- outline conventions for labelling mixed inks
- describe how to dispose of inks, solvent and solvent rags
- identify required manuals, safety and other documentation and briefly outline the relevant information in each source.

## **Assessment Conditions**

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the Support field of work and include access to inks and additives.

Assessors must satisfy NVR/AQTF assessor requirements.

## **Links**

Companion Volume implementation guides are found in VETNet -

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