Assessment Requirements for ICPSUP2110 Prepare inks and additives

Release: 1

Assessment Requirements for ICPSUP2110 Prepare inks and additives

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:

- prepare at least two batches of inks and additives to match a colour sample and specified end-use requirements.

In the course of the above, the candidate must mix volumes of ink to obtain a required colour and quantity.

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:

- workplace health and safety (WHS) requirements related to handling, preparing and matching inks and additives
- selection criteria for inks and additives
- characteristics of inks including requirements for different substrates
- physical, chemical, and light and colour fastness of ink
- process for determining volume of ink required
- methods to check and adjust ink colour and consistency
- ink and additive quality assurance procedures
- effect of lighting conditions on colour matching
- criteria for determining compatibility of the ink being mixed
- ink drying methods in the printing process
- Material safety Data sheets (MSDS) for this ink system
- environmental conditions affecting the storage of inks and additives
- labelling conventions for mixed inks
- disposal procedures for inks, solvent and solvent rags
- regulatory requirements regarding inks

- required manuals, enterprise procedures and safety and other 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:

- inks and additives
- printing equipment.

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