Australian Government

Assessment Requirements for ICPKNW320 Apply knowledge and requirements of information technology systems in the printing industry

Release: 1

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

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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:

- use appropriate information technology vocabulary and terminology in written and oral communications with tradespeople, colleagues, management or clients
- keep up to date with information technology trends and standards in the printing industry
- apply relevant legislative and workplace requirements when completing tasks
- evaluate and review output settings, output requirements and server and server administration systems
- identify and use markup or scripting languages in development work
- select appropriate visual graphic, audio, video and animation formats in development work
- investigate and use information technology systems and software for different jobs.

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:

- describe legislative and enterprise requirements that affect work practice
- describe the basic principles behind the following pre-press functions:
    - image production (typesetting, scanning, graphic arts camera)
    - image combining (manual and electronic)
    - image output (film, plates, direct to press)
- describe the basic principles and capabilities behind digital workflows and computer networks
- describe the type of information technology systems used in the:
    - printing sector
    - converting, binding and finishing sector
- describe the relationship between ranges of visual colour Red, Green, Blue (RGB) and Cyan, Magenta, Yellow, Key (black) (CMYK)
- explain the main cost elements in pre-press production
- explain the basic principles of efficient production management
- describe the types of information that need to be exchanged between different stages of production.

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 printing industry and include access to:

- special purpose tools, equipment and materials
- industry software packages.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion volumes are available from the IBSA website:
http://www.ibsa.org.au/companion_volumes - http://www.ibsa.org.au/companion_volumes