

Make ready and print four colour process work for screen printing

Level 4

Credits 20

Purpose People credited with this unit standard are able to: set and position the screens for four colour process work; make ready the screen printing unit for four colour process work; and print four colour process work.

Subfield Printing

Domain Printing - Screen

Status Registered

Status date 21 February 2005

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Planned review date 31 December 2010

Entry information Prerequisite: Unit 340, *Demonstrate knowledge of safe working practices in the printing and graphic pre-press industries*, or demonstrate equivalent knowledge and skills.

Recommended: Unit 16796, *Carry out advanced make ready and print for screen printing*, or demonstrate equivalent knowledge and skills.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Competenz

Accreditation and Moderation Action Plan (AMAP) reference 0005

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 All workplace practices must meet any applicable and recognised codes of practice, and documented workplace health, safety, and environmental procedures for personal, product, workplace health, safety, and environmental matters, and the obligations required under current law including the Health and Safety in Employment Act 1992, Hazardous Substances and New Organisms Act 1996, Resource Management Act 1991, Privacy Act 1993 and their subsequent amendments.

- 2 *Workplace practices* refer to the documented procedures for the machine and/or workplace.
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Elements and performance criteria

Element 1

Set and position the screens for four colour process work.

Performance criteria

- 1.1 Halftone stencils are touched up ensuring all imperfections are removed.
- 1.2 Screens are locked into the press and positioned to the key colour.
- 1.3 Screens for four colour process work are masked to suit the job.

Element 2

Make ready the screen printing unit for four colour process work.

Performance criteria

- 2.1 Sequence order of inks is determined to meet the requirements of the job specifications.

Range absorbency and surface of substrate, areas of critical register, final colours required.
- 2.2 Squeegee (and scraper if available) are placed in the press.
- 2.3 Make ready is carried out for four colour process work.
- 2.4 Quality of tonal values and secondary colours meets the requirements of the job and customer specifications.

Element 3

Print four colour process work.

Performance criteria

- 3.1 Four colour process work is printed to the specifications on the job documentation.

Range check against any of – proofs, progressives, customer standards, company standards.
- 3.2 Production standards are maintained throughout the print runs.
- 3.3 Post-press tasks are carried out as required by the job documentation and in accordance with workplace practices.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Competenz info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.