

Make ready and print four or more colour process dry offset work

Level 4

Credits 25

Purpose People credited with this unit standard are able to: make ready a multicolour dry offset press for four or more colour process work; print four or more colour process work on a multicolour dry offset press; and solve problems encountered during the print run.

Subfield Printing

Domain Dry Offset

Status Registered

Status date 27 October 2006

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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.

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, Resource Management Act 1991, and their subsequent amendments.
- 2 *Workplace practices* refer to the documented procedures for the machine and/or workplace.

Elements and performance criteria

Element 1

Make ready a multicolour dry offset press for four or more colour process work.

Performance criteria

- 1.1 Trapping and sequence order of inks are determined to ensure that the job requirements are met.
- Range slur, trapping, ink tack, surface of substrates, dot gain effects, areas of critical register, final colours required.
- 1.2 Make ready is carried out for four or more colour process work in accordance with workplace practices.
- 1.3 Quality of tonal values and trapping of secondary colours is checked against the job specifications, and faults found are rectified in accordance with workplace practices.
- 1.4 Make ready problems are solved in accordance with workplace practices.
- Range impression, position, preliminary colour settings.

Element 2

Print four or more colour process work on a multicolour dry offset press.

Performance criteria

- 2.1 Four or more colour process work is printed to meet the job specifications and it is ensured that production standards and quality are maintained throughout the run.
- 2.2 Colour consistency standards are maintained throughout the print run.
- Range dry back, dot gain, ink trapping.
- 2.3 Quality control procedures used to maintain required production standards are followed in accordance with workplace practices.
- 2.4 Bar code verifiers are used to ensure that printing of bar codes is maintained within required tolerances.

Element 3

Solve problems encountered during the print run.

Performance criteria

3.1 Problems identified while following workplace quality control procedures are recognised and solved.

Range problems may include but are not limited to – dirty print, set-off, ghosting, gear marks, over and/or under impression, slur, ink contamination, bleeds, misregister, spots, show through, static, colour variation, image appearing washed out, product damage or contamination, ink problems, substrate problems, machine problems.

Please note

Providers must be accredited by the Qualifications Authority, 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 the Qualifications Authority 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.