

Print single colour work on a dry offset press

Level 3

Credits 10

Purpose People credited with this unit standard are able to: demonstrate knowledge of factors affecting printing standards; print single colour dry offset work; recognise and rectify or report problems; and carry out post press tasks in accordance with workplace practices.

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

Demonstrate knowledge of factors affecting printing standards.

Performance criteria

1.1 Factors which affect the printing speed for the job are described.

Range factors may include but are not limited to – ink, substrate, drying system, corona and flame treatment, press condition, quality requirements.

1.2 Factors which affect the print quality are described.

Range customer requirements, speed of the press, width or thickness of substrate, general condition of press, gear pitch, mounting tape, blanket wear, substrate surface treatment, drying, substrate variation.

1.3 Characteristics of an acceptable print are described.

Range colour consistency maintained, correct position, correct substrate, correct inks, standard maintained to approved sample.

Element 2

Print single colour dry offset work.

Performance criteria

2.1 Press start up and shut down procedures are followed during the print run in accordance with machine operating manual, workplace practices and occupational health and safety requirements.

2.2 Potential hazards for the equipment being used are identified and reported in accordance with workplace practices.

2.3 Single colour work is printed to meet the specifications of the job documentation and ensuring that production standards and quality are maintained throughout the run.

2.4 Print standards are monitored against approved sample.

Range includes but is not limited to – colour variation, ghosting, set-off, image position.

2.5 Quality control procedures used to maintain required production standards are followed in accordance with workplace practices.

- 2.6 Bar code verifiers are used to ensure that printing of bar codes is maintained within required tolerances.

Element 3

Recognise and rectify or report problems.

Performance criteria

- 3.1 Static electricity problems are identified and rectified or reported.
- 3.2 Problems encountered during the print run are identified and rectified or reported in accordance with workplace practices.
- 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, image position, spots, show through, static electricity, colour variation, image appearing washed out, product damage or contamination.

Element 4

Carry out post press tasks in accordance with workplace practices.

Performance criteria

- 4.1 Quantity printed is checked against job documentation before wash up is commenced.
- 4.2 Correct shut down sequence is followed in accordance with machine operating manual, workplace practices and occupational health and safety requirements.
- 4.3 Job documentation is completed.
- Range may include but is not limited to - job sheets, time sheets, electronic data storage.
- 4.4 Other post press tasks are carried out.
- Range may include but is not limited to – labelling, substrate handling, filing plates, quality assurance (QA) requirements.
- 4.5 Waste control procedures are followed.
- Range recyclable waste, non-recyclable waste, security waste.

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](mailto:Competenz_info@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.