
PRINTING - SCREEN
**Reclaim screens using a pressure gun
for screen printing**

level:	2
credit:	4
planned review date:	March 2009
sub-field:	Printing
purpose:	People credited with this unit standard are able to: select and prepare screen reclaiming chemicals for use in a pressure gun; wash screens using a pressure gun; and store screens in accordance with workplace practices.
entry information:	Prerequisite: Unit 340, <i>Demonstrate knowledge of safe working practices in the printing and graphic pre-press industries</i> , or demonstrate equivalent knowledge and skills.
accreditation option:	Evaluation of documentation by NZQA and industry.
moderation option:	Locally based external moderation system.
special notes:	<ol style="list-style-type: none">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 <i>Workplace practices</i> refer to the documented procedures for the machine and/or workplace.

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Elements and Performance Criteria

element 1

Select and prepare screen reclaiming chemicals for use in a pressure gun.

performance criteria

- 1.1 Inks, screens and stencils used in screen printing are identified and named.
- Range: inks – water based, solvent based, polymerisation (ultra-violet [UV], epoxy);
screens – frames (wooden, steel, aluminium, self stretching),
mesh (nylon, polyester, metal, carton fibre, combinations of these);
stencils – indirect, capillary, direct emulsion, cut (by hand or computer).
- 1.2 Screen is assessed for suitability to be reclaimed.
- 1.3 Screen reclaiming chemicals are selected and prepared in accordance with the manufacturer's and/or supplier's instructions.
- 1.4 Safety gear is selected and worn in accordance with the manufacturer's and/or supplier's instructions and following occupational health and safety requirements.

element 2

Wash screens using a pressure gun.

performance criteria

- 2.1 Screens are washed using a pressure gun in an area ventilated to extract chemical vapours.
- 2.2 Stains and hazes are removed using selected chemicals and following the manufacturer's and/or supplier's instructions and occupational health and safety requirements.

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- 2.3 Screens are checked for damage and any defects are rectified or reported in accordance with workplace practices.

element 3

Store screens in accordance with workplace practices.

performance criteria

- 3.1 Screens are identified and labelled in accordance with workplace practices.
- 3.2 Screens are stored in a clean, dry environment in accordance with the manufacturer's and/or supplier's instructions.

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.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register 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 providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0005 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.