



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **ICPSP211C Reclaim screen automatically**

**Revision Number: 1**

## ICPSP211C Reclaim screen automatically

### Modification History

Not applicable.

### Unit Descriptor

<b>Unit descriptor</b>	This unit describes the performance outcomes, skills and knowledge required to automatically reclaim screens.
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### Application of the Unit

<b>Application of the unit</b>	This unit requires the individual to reclaim screens using automatic cleaning equipment.
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### Licensing/Regulatory Information

Not applicable.

### Pre-Requisites

Not applicable.

### Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.	

## Elements and Performance Criteria Pre-Content

<p>Elements describe the essential outcomes of a unit of competency.</p>	<p>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.</p>
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## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Select and prepare chemicals	1.1. <b><i>Ink and stencil type</i></b> are correctly identified and screen is assessed for suitability to be reclaimed 1.2. Screen reclamation <b><i>chemicals</i></b> are selected and prepared according to manufacturer's/supplier's specifications 1.3. Appropriate safety gear is selected and worn according to manufacturer's/supplier's specifications and OHS requirements
2. Maintain and adjust automatic cleaning equipment	2.1. Automatic cleaning equipment is inspected and routine user maintenance is carried out according to manufacturer's/supplier's specifications and <b><i>enterprise procedures</i></b> 2.2. Automatic cleaning equipment is adjusted to suit ink system, <b><i>mesh type</i></b> and frame size
3. Wash screen	3.1. Screens are washed using a pressure gun or automatic <b><i>machine</i></b> in a suitably ventilated area with the required extraction system 3.2. Stains and hazes are removed using appropriate chemicals according to manufacturer's/supplier's specifications and OHS requirements 3.3. Screens are checked for damage and any defects are reported and/or rectified according to enterprise procedures
4. Store screen	4.1. Screens are correctly identified and labelled 4.2. Screens are stored in a clean, dry environment according to manufacturer's/supplier's specifications
5. Carry out routine user maintenance	5.1. Cleaning equipment is lubricated, cleaned and adjusted according to manufacturer's/supplier's specifications 5.2. Faults are identified, reported and/or rectified according to manufacturer's/supplier's specifications

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- OHS in relation to operating machinery such as safely switching off machinery before cleaning is started
- communication of ideas and information by correctly identifying and labelling screens
- collecting, analysing and organising information by identifying and reporting machine faults
- planning and organising activities by maintaining and adjusting automatic cleaning equipment
- teamwork when maintaining the production process in association with fellow workers
- mathematical ideas and techniques by preparing the reclamation chemicals
- problem-solving skills by identifying and rectifying machine faults
- use of technology by using automatic cleaning equipment

#### Required knowledge

- stencil types and mesh counts
- types of stencil used
- significance of mesh counts
- handling technique used for frames with various mesh counts
- selection of appropriate safety gear
- personal protective equipment items you use for screen reclamation
- health hazards associated with chemical handling
- ink types
- requirement to treat various ink types differently when reclaiming
- pollution controls that are in operation with regards to environmental issues
- chemical selection and preparation
- major OHS concerns when handling chemicals
- selection of the appropriate chemicals for the ink, stencil and mesh types of each screen
- obtaining information on the application of each chemical
- machine operation adjustment and maintenance
- ventilation and extraction systems that should be in operation
- maintenance procedures that are necessary for this machine
- reclamation techniques
- properties of different reclamation chemicals
- application of chemicals for stencil removal

**REQUIRED SKILLS AND KNOWLEDGE**

- chemicals that are used to remove stains/haze
- chemical handling and storage
- enterprise policies on handling materials and chemicals
- enterprise policies on management and storage of chemicals
- name of personal protective clothing that has to be worn when handling and storing chemicals
- identifying and storing screens
- method that you use to identify the reclamation status of screens
- method of storing reclaimed screens
- machine manuals, safety and other documentation that are relevant to this task and where they are kept and information that is included in these documents

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
<p>The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
<b>Overview of assessment</b>	
<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b>	<p>Evidence of the following is essential:</p> <ul style="list-style-type: none"> <li>reclaim screens using automatic cleaning equipment according to job specifications</li> <li>demonstrate an ability to find and use information relevant to the task from a variety of information sources</li> <li>maintain the equipment and reclaim THREE screens, with various grades of meshes and ink types using automatic equipment and according to manufacturer's and job specifications, enterprise procedures and the listed Performance Criteria</li> <li>evidence for assessment may be gathered from assessment of the unit of competency alone or through an integrated assessment activity.</li> </ul>
<b>Context of and specific resources for assessment</b>	<p>Assessment must ensure:</p> <ul style="list-style-type: none"> <li>assessment may take place on the job, off the job or a combination of both of these. Off the job assessment must be undertaken in a closely simulated workplace environment.</li> </ul>
<b>Method of assessment</b>	<p>A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:</p> <ul style="list-style-type: none"> <li>direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.</li> </ul>
<b>Guidance information for assessment</b>	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.</p>

## Range Statement

<b>RANGE STATEMENT</b>	
<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
<i>Ink, stencil and frame types</i> may include:	<ul style="list-style-type: none"> <li>ink systems, stencil and frame types commonly used in the industry sector.</li> </ul>
<i>Chemical type</i> may include:	<ul style="list-style-type: none"> <li>chemicals commonly used for reclamation of screens.</li> </ul>
<i>Enterprise procedures</i> may include:	<ul style="list-style-type: none"> <li>tasks must be performed according to enterprise procedures.</li> </ul>
<i>Mesh type</i> may include:	<ul style="list-style-type: none"> <li>screen meshes with a variety of thread counts, thicknesses, colours and weaves commonly used within the specific industry sector.</li> </ul>
<i>Type of machine</i> may include:	<ul style="list-style-type: none"> <li>automatic cleaning equipment commonly used in the industry sector.</li> </ul>
<i>Tension measurement techniques</i> may include:	<ul style="list-style-type: none"> <li>tension measurement techniques commonly used with the specific industry sector.</li> </ul>
<i>Degree of autonomy</i> may include:	<ul style="list-style-type: none"> <li>working under limited supervision.</li> </ul>
<i>Quality standards</i> may include:	<ul style="list-style-type: none"> <li>should meet client requirements and enterprise and industry standards.</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	
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## Competency field

<b>Competency field</b>	Screen Printing
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## Co-requisite units

Co-requisite units		