



**Australian Government**

# **ICPSCP211 Reclaim screen automatically**

**Release: 1**

# ICPSCP211 Reclaim screen automatically

## Modification History

| Release   | Comments                                                                                     |
|-----------|----------------------------------------------------------------------------------------------|
| Release 1 | This version first released with ICP Printing and Graphic Arts Training Package Version 1.0. |

## Application

This unit describes the skills and knowledge required to safely reclaim screens using automatic cleaning equipment.

It applies to individuals working under direct supervision and performing mainly routine tasks such as monitoring machinery operations and carrying out routine maintenance.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Unit Sector

Screen printing

## Elements and Performance Criteria

| ELEMENT                                          | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                             |
| 1 Select and prepare chemicals                   | 1.1 Ink and stencil type are correctly identified and screen is assessed for suitability to be reclaimed<br>1.2 Screen reclamation chemicals are selected and prepared according to manufacturer or supplier specifications<br>1.3 Appropriate safety gear is selected and worn according to manufacturer or supplier specifications and work health and safety (WHS) requirements |
| 2 Maintain and adjust equipment                  | 2.1 Automatic cleaning equipment is inspected and routine user maintenance is carried out according to manufacturer or supplier specifications and enterprise procedures<br>2.2 Automatic cleaning equipment is adjusted to suit ink system,                                                                                                                                       |

| ELEMENT                         | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | mesh type and frame size                                                                                                                                                                                                                                                                                                                                                                                   |
| 3 Wash screen                   | <p>3.1 Screens are washed using pressure gun or automatic machine in suitably ventilated area with required extraction system</p> <p>3.2 Stains and hazes are removed using appropriate chemicals according to manufacturer or supplier specifications and WHS requirements</p> <p>3.3 Screens are checked for damage and any defects are reported and/or rectified according to enterprise procedures</p> |
| 4 Store screen                  | <p>4.1 Screens are correctly identified and labelled</p> <p>4.2 Screens are stored in clean, dry environment according to manufacturer or supplier specifications</p>                                                                                                                                                                                                                                      |
| 5 Carry out routine maintenance | <p>5.1 Cleaning equipment is lubricated, cleaned and adjusted according to manufacturer or supplier specifications</p> <p>5.2 Faults are identified, reported and/or rectified according to manufacturer or supplier specifications</p>                                                                                                                                                                    |

## Foundation Skills

*This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.*

| Skill                      | Performance Criteria                  | Description                                                                                                                                                                                          |
|----------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading                    | 1.2, 1.3, 2.1, 3.2, 4.2, 5.1, 5.2     | <ul style="list-style-type: none"> <li>Recognises and interprets textual information to follow and adhere to requirements</li> </ul>                                                                 |
| Writing                    | 3.3, 4.1, 5.2                         | <ul style="list-style-type: none"> <li>Completes required documentation accurately using correct technical and enterprise language</li> </ul>                                                        |
| Oral Communication         | 3.3, 5.2                              | <ul style="list-style-type: none"> <li>Articulates clearly using specific and factual information</li> <li>Uses listening and questioning techniques to clarify and confirm understanding</li> </ul> |
| Numeracy                   | 1.2, 2.2, 3.2, 5.1                    | <ul style="list-style-type: none"> <li>Recognises numerical information and uses mathematical formulae to calculate measurements and adjustments</li> </ul>                                          |
| Navigate the world of work | 1.2, 1.3, 2.1, 3.1-3.3, 4.2, 5.1, 5.2 | <ul style="list-style-type: none"> <li>Takes personal responsibility for adherence to legal and regulatory requirements with specific reference to safety</li> </ul>                                 |

|                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                       | <ul style="list-style-type: none"><li>Complies with organisational policies and procedures relevant to own role</li></ul>                                                                                                                                                                                                                                                                                                           |
| Get the work done | 1.1-1.3, 2.1, 2.2, 3.2, 3.3, 4.1, 5.2 | <ul style="list-style-type: none"><li>Follows clearly defined instructions and sequencing and monitors own progress for the task</li><li>Responds to predictable problems and implements standard or logical solutions</li><li>Takes responsibility for routine low-impact decisions within familiar situations</li><li>Understands the purpose and specific functions of some common digital tools used in work contexts</li></ul> |

## Unit Mapping Information

| Code and title<br>current version      | Code and title<br>previous version     | Comments                                        | Equivalence status |
|----------------------------------------|----------------------------------------|-------------------------------------------------|--------------------|
| ICPSCP211 Reclaim screen automatically | ICPSP211C Reclaim screen automatically | Updated to meet Standards for Training Packages | Equivalent unit    |

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>

## Assessment Requirements for ICPSCP211 Reclaim screen automatically

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### Performance Evidence

Evidence of the ability to:

- use automatic cleaning equipment to reclaim THREE screens, with various grades of meshes and ink types, according to manufacturer guidelines and enterprise procedures, including:
  - selecting and using chemicals and associated safety gear
  - checking and adjusting automatic cleaning equipment prior to use
  - washing and checking screens for defects
  - storing screens
- maintain automatic cleaning equipment, including identifying faults and taking action according to manufacturer guidelines.

Note: If a specific volume or frequency

### Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify the types of stencil that are used
- explain the significance of mesh counts
- explain the handling technique used for frames with various mesh counts
- describe the personal protective equipment items used for screen reclamation
- identify the health and safety concerns associated with chemical handling
- explain why various ink types are treated differently when reclaiming
- determine what pollution controls are in operation with regards to environmental issues
- explain where to find information on the application of each chemical
- list the ventilation and extraction systems that should be in operation
- outline the maintenance procedures that are necessary for equipment or machinery used
- describe the properties of different reclamation chemicals
- describe how chemicals are applied for stencil removal

- list the chemicals that are used to remove stains or haze
- explain the method used to identify the reclamation status of screens
- outline the key points to consider when storing reclaimed screens
- identify machine manuals, safety and other documentation relevant to this task and for each one:
- state its location
- explain what type of information is included.

## **Assessment Conditions**

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the screen printing field of work and include access to:

- chemicals and lubricants
- appropriate safety gear
- automatic cleaning equipment
- screens.

Assessors must satisfy NVR/AQTF assessor requirements.

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