



Australian Government

ICPPRP2660 Produce relief plates

Release: 1

ICPPRP2660 Produce relief plates

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Application

This unit describes the skills and knowledge required to make and proof relief plates from film input for letterpress or label printing.

It applies to individuals who design and prepare layouts, artwork, manipulate images and texts to meet production requirements. They generally work under direct supervision.

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

Unit Sector

Pre-Press

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. Prepare to produce plates	1.1 Identify job specifications and regulatory requirements 1.2 Identify printing processes, and evaluate film 1.3 Select equipment and materials according to job requirements
2. Develop plate	2.1 Prepare plate processor according to manufacturer specifications and enterprise procedures 2.2 Establish and monitor exposure using vacuum frames and plate processors 2.3 Produce plates according to work health and safety (WHS) requirements
3. Finalise plate	3.1 Evaluate and confirm plate meets job requirements 3.2 Store plate according to enterprise procedures and manufacturer specifications

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	Identifies and evaluates text to establish job requirements
Self-management	Complies with regulatory requirements and follows enterprise procedures and procedures within scope of own role
Planning and Organising	- Determines priorities and sequences steps involved in clearly defined, familiar tasks and identifies and assembles resources required - Organises own workload under supervision, identifying ways of sequencing and combining elements for greater efficiency
Problem Solving	Applies analytical processes to resolve technical problems and initiates standard procedures when responding to familiar problems within immediate context
Technology	Identifies purposes, specific functions and key features of flexographic photopolymer plate equipment and tools and operates them to produce plates to requirements

Unit Mapping Information

No equivalent unit. Supersedes and is not equivalent to ICPPRP266 Produce relief plates.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICPPRP2660 Produce relief plates

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of the unit, including evidence of the ability to:

- produce two printing plates using plate-making facilities and according to job specifications.

In the course of the above, the candidate must:

- confirm plate meets job specifications
- identify the substrate for reproduction
- confirm plate quality is fit for the identified printing processes.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- factors to be considered when preparing to lay a plate
- aids that can be used to ensure accuracy and repeatability
- enterprise quality control procedures
- essential criteria for evaluating a film to be used in plate production
- process for testing exposure for plate making
- features of a plate exposure system
- processes to maintain continuity and control with plate exposure
- procedures for plate processing and operation
- criteria for evaluating prepared plates
- Environmental Protection Authority (EPA) regulatory standards
- work health and safety (WHS) requirements for processing and proofing printing plates
- advantages of plate proofing
- criteria for plate proof evaluation
- requirements for plates for lithographic printing and relief printing

- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the area of work.

This includes access to:

- printing plates.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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