



Australian Government

ICPPRP2670 Produce offset lithographic plates

Release: 1

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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 lithographic plates from digital input.

It applies to individuals who prepare, expose and process a lithographic plate, and post-treat the plate to satisfy job specifications.

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. Select and prepare plate	1.1 Evaluate job specifications to determine required type and size of plate for the job and required software 1.2 Identify manufacturer specifications for required plate 1.3 Select plate according to quality requirements of output 1.4 Prepare plate to accommodate printing machine plate positioning requirements 1.5 Assemble required data and equipment for processing
2. Expose plate	2.1 Clean work area 2.2 Select exposure unit according to output requirements 2.3 Establish exposure control as required 2.4 Monitor and adjust exposure and vacuum frame according to manufacturer specifications

ELEMENT	PERFORMANCE CRITERIA
3. Process plate	3.1 Monitor and adjust plate processing unit according to enterprise requirements and work health and safety (WHS) procedures 3.2 Select and review program options for processing according to quality requirements 3.3 Process plate
4. Post-treat plate	4.1 Check plate for quality of outcome and analyse for conformance to job specifications 4.2 Implement changes to plate image and confirm standard of output required 4.3 Chemically treat and bake plate as required 4.4 Prepare plate for storage prior to printing according to 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	Identifies and follows enterprise procedures associated with own role
Planning and Organising	Determines priorities and sequences steps involved in clearly defined, familiar tasks and identifies and assembles required resources
Technology	Identifies purposes, specific functions and key features of common lithographic print equipment and tools and operates them to produce plates to requirements
Problem Solving	- Applies analytical processes to resolve technical problems - Initiates standard procedures when responding to familiar problems within immediate context

Unit Mapping Information

Supersedes and is equivalent to ICPPRP267 Produce offset lithographic plates.

Links

Companion Volume Implementation Guide is found on VETNet -

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