



Australian Government

ICPSUP2070 Prepare machine for operation (basic)

Release: 1

ICPSUP2070 Prepare machine for operation (basic)

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 prepare printing and finishing machines and assist with their operation according to enterprise procedures.

It applies to individuals who undertake machine-minding duties in a production environment, as well as off-siders assisting in the operation of a machine. They mainly work under direct supervision.

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

Unit Sector

Support

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 for job	1.1 Identify job specifications 1.2 Locate, check and prepare product according to job specifications 1.3 Identify and remove faulty material according to enterprise procedures and work health and safety (WHS) requirements 1.4 Set up and adjust delivery systems
2. Prepare machine	2.1 Set up machine according to job specifications 2.2 Load inks, glues, liquid and other materials as required according to manufacturer specifications and enterprise procedures 2.3 Install plates, cutting and other devices as required

ELEMENT	PERFORMANCE CRITERIA
	2.4 Confirm required registration, alignment and centring 2.5 Run machine through cycle and confirm required substrate and product position 2.6 Report readiness of machine according to enterprise procedures for final adjustments and proofing by designated person
3. Conduct shutdown of production process	3.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 3.2 Store unused materials 3.3 Remove and store used plates, cutting and other devices 3.4 Remove all product from operating area according to enterprise procedures and WHS requirements 3.5 Identify machine faults requiring repair and reported to designated person according to enterprise procedures 3.6 Verify repairs and adjustments as required prior to resumption of operations 3.7 Clean and disengage all required parts of machinery used in printing process

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 text within job specifications and follows written instructions
Writing	Identifies and reports work progress and faults according to enterprise formats
Numeracy	Uses simple mathematical calculations and arranges sequential numerical information
Self-management	- Identifies and follows organisational and regulatory requirements associated with own role - Takes responsibility for routine low-impact decisions within familiar situations
Teamwork	Seeks to cooperate with others to achieve results in immediate work context
Planning and	Follows pre-determined sequenced plans for tasks with more than

organising	one step
Problem solving	Follows clear, step-by-step instructions to address routine problems directly relevant to own role
Technology	Understands purpose and some specific functions of some common digital tools used in work contexts

Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. It is restricted to essential operating conditions and any other variables essential to the work environment

Delivery systems must include either:	- reel OR - sheet
Setting up and adjusting must include either:	- unwind and rewind reels - webbing procedures and web control systems - splicing/joining reels - folder and sheeter OR - feeder - sheet/production pick-up and transportation system - transfer system - delivery systems

Unit Mapping Information

Supersedes and is equivalent to ICPSUP207 Prepare machine for operation (basic).

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 ICPSUP2070 Prepare machine for operation (basic)

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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 this unit, including evidence of the ability to:

- prepare and set up to final adjustment stage, one machine for at least two different jobs according to manufacturer specifications.

In the course of the above the candidate must:

- demonstrate all safety devices on the machine

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:

- work health and safety (WHS) risks and requirements for:
 - lifting heavy objects
 - preparing substrates and machines
 - operating and cleaning machinery
 - machine shutdown procedures
- enterprise procedures for handling of supplies, parts and finished product
- enterprise delivery and transport systems
- enterprise procedures for substrate positioning
- the precautions to avoid damaging finished product
- supplies that require special handling
- disposal procedures for faulty materials
- the location and function of registration section of the machine
- the issues that can interrupt the machine's running cycle
- the areas of the machine that are modified during shutdown
- the areas of the machine requiring checks for repairs
- the labelling requirements for unused ink and the content they should include
- the impacts of an ineffective wash-up on the next production run

- 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.

This includes access to:

- special purpose tools, equipment and materials
- printing or finishing machine in a production environment.

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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