



Australian Government

ICPSUP2080 Operate and monitor machines (basic)

Release: 1

ICPSUP2080 Operate and monitor machines (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 operate and monitor machines under supervision according to enterprise requirements.

It applies to individuals working as machine-minders and off-siders assisting in the operation of a machine 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. Operate and monitor production process	1.1 Identify job specifications 1.2 Monitor and adjust delivery systems 1.3 Add substrate to and remove substrate from process 1.4 Identify need for major adjustment and report to designated person according to enterprise operating procedures 1.5 Monitor product and make minor adjustments as required according to quality output requirements
2. Identify and rectify problems and faults	2.1 Identify and report faulty performance of equipment according to enterprise procedures within defined work area 2.2 Identify machine faults requiring repair and report to designated person according to enterprise procedures

ELEMENT	PERFORMANCE CRITERIA
	2.3 Verify repairs and adjustments as required prior to resumption of operations
3. Conduct shutdown of production process	3.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 3.2 Store unused materials according to manufacturer specifications and enterprise operating procedures 3.3 Remove and store used plates, cutting and other devices 3.4 Remove all product from operating area according to enterprise and work health and safety (WHS) requirements 3.5 Clean and disengage all required parts of machinery used in printing process according to manufacturer specifications and enterprise procedures

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	Reviews and interprets job sheet instructions
Writing	Uses industry specific terminology to complete and update workplace documentation
Numeracy	Uses basic mathematical formulae to determine required consumables, adjust equipment and machinery, and estimate time required to complete job
Self-management	- Takes some personal responsibility for adherence to organisational procedures - Considers own role for its contribution to broader goals of work team - Takes responsibility for routine low-impact decisions within familiar situations
Teamwork	Cooperates with others as part of familiar, routine activities and contributes to specific activities requiring joint responsibility and accountability
Planning and organising	With assistance, determines priorities and sequences steps involved in clearly defined, familiar tasks and identifies and assembles required resources

Problem solving	Begins to identify and implement standard solutions for an increasing range of routine problems
Technology	Identifies 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
Monitoring and adjusting must include either:	- reel stand and rewind section - web control system - sheeting section OR - feeder - sheet or product pick-up and transportation system - transfer system - delivery system

Unit Mapping Information

Supersedes and is equivalent to ICPSUP208 Operate and monitor machines (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 ICPSUP2080 Operate and monitor machines (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:

- operate, monitor, shut down and clean any one machine according to manufacturer specifications under the supervision of, or in conjunction with, a worker with the appropriate skills.

In the course of the above the candidate must:

- demonstrate knowledge of 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:
 - handling heavy objects
 - setting up and operating machine transport and delivery systems
 - operating and monitoring machinery
 - machine shutdown
 - removing product from the machine
 - washing machine parts
- the required handling of supplies, parts and finished products to avoid damage
- supplies that require special handling
- required web tension and the adjustable areas of the web control system that can be used to maintain it
- areas of the transport and delivery system requiring continuous observation to meet job requirements
- checks for removing substrates from the machine
- basic quality criteria for assessing a finished product
- machine adjustment techniques used to correct production problems

- areas of the machine to modify and check for repair during shutdown
- unused ink labelling procedures and the information required
- the impact of an ineffective wash-up on following production runs
- manuals, safety and other documentation relevant to this task, 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 converting 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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