



Australian Government

Assessment Requirements for ICPSUP282 Undertake basic machine maintenance

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 1.0.

Performance Evidence

Evidence of the ability to:

- correctly and safely carry out routine maintenance on small machines or equipment with minimum down-time
- carry out routine maintenance on any TWO pieces of equipment or systems, satisfying job, workplace and statutory requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

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

Reel handling system

- list Work Health and Safety (WHS) requirements when maintaining and cleaning the reel handling system
- outline common causes of failure or breakdown
- describe precautions for working with compressed air
- describe damage that can be caused to electronic sensors during cleaning
- list checks performed on this area of the machine
- explain how to determine appropriate chemicals for cleaning purposes

Sheet or object handling systems

- identify WHS requirements for maintaining and cleaning the sheet or object handling system
- list common causes of failure or breakdown
- describe problems caused by inefficient cleaning
- list parts of this area of the machine that require cleaning
- outline the effect excessive lubricant has in this area of the machine

- explain the need for regular maintenance in this area of the machine

Printing units

- identify WHS requirements for maintaining and cleaning the printing units
- list common causes of failure or breakdown
- outline potential problems of continual inefficient washing of roller surfaces
- explain why it is necessary to clean bearers on all cylinders in the printing unit
- describe problems that can result from cylinder bodies being cleaned incorrectly
- list safety devices that need to be checked in the printing unit
- explain what to do if a safety device is inoperative
- outline checks to be carried out when replacing rollers in the inking system

Ancillary units

- list WHS requirements for maintaining and cleaning ancillary units
- identify common causes of failure or breakdown
- outline checks to perform on ancillary units
- explain precautions for cleaning ancillary units

Cutting units

- identify WHS requirements for maintaining and cleaning cutting units
- list common causes of failure or breakdown
- outline checks to be carried out on cutting devices and knives
- explain how to correctly store cutting knives after replacement
- outline problems likely if the machine bed is not maintained
- describe problems likely if blades or knives are not maintained

Folding/collating units

- identify WHS requirements for maintaining and cleaning folding/collating units
- list common causes of failure or breakdown
- outline components to check with this equipment
- describe problems with inefficient cleaning of the folding/collating unit
- identify parts of this machine that require cleaning
- name the type of lubricant to use on this equipment and why

Fastening units

- list WHS requirements for maintaining and cleaning fastening units
- identify common causes of failure or breakdown
- outline chemicals to use when cleaning this equipment
- explain how to correctly dispose of used chemicals
- explain how frequently this equipment should be cleaned
- describe problems likely to occur after inefficient cleaning
- identify parts of the equipment that must be cleaned
- outline consequence of excessive lubricant in this part of the machine

Information sources

- describe location of machine manuals, safety and other documentation relevant to this task, and outline the information 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 Support field of work and include access to machines or units and consumables.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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