



Australian Government

Assessment Requirements for ICPSUP2820 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 4.0.

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:

- carry out routine maintenance on any two pieces of equipment or systems in the printing and graphic arts industry according to enterprise procedures and work health and safety (WHS) requirements.

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:

- enterprise procedures, and WHS risks and requirements for:
 - maintaining and cleaning the reel, sheet or object handling system
 - maintaining and cleaning the printing, ancillary, cutting, folding/collating and fastening units
 - cleaning and waste disposal
- common causes of failure or breakdown and correction methods for:
 - the reel, sheet or object handling systems
 - printing, ancillary, cutting, folding/collating and fastening units
- precautions for working with compressed air
- statutory requirements, manufacturer specifications, Australian standards, codes of practice and Environmental Protection Authority (EPA) requirements for machine maintenance
- damage that can occur to electronic sensors during cleaning
- checks performed on various areas of the machine:
 - handling systems
 - ancillary and cutting units
 - components of folding/collating units
- procedure for determining required chemicals for cleaning

- cleaning procedures for required machine areas and the problems that may arise from inefficient cleaning, including:
 - handling systems
 - roller surfaces
 - bearers on printing unit cylinders
 - folding/collating and fastening units
- the effect of excessive lubricant has on sheet or object handling systems
- the need for regular maintenance in sheet or object handling systems
- safety devices requiring checking in the printing unit and steps taken if one is inoperative
- checks to carry out when replacing rollers in the inking system
- precautions for cleaning ancillary units
- storage procedures for cutting knives after replacement
- problems arising if the machine bed, blades or knives are not maintained
- the required type of lubricant for folding/collating units and its purpose
- required cleaning chemicals for folding/collating units and disposal procedures for used chemicals
- the frequency of cleaning for fastening units
- the effect excessive lubricant has on fastening units
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

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

Links

Companion Volume Implementation Guide is found on VETNet -

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