



Australian Government

ICPSUP2630 Perform basic industry calculations

Release: 1

ICPSUP2630 Perform basic industry calculations

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 perform basic trade calculations and measurements.

It applies to individuals who perform a range of mainly routine tasks in various sectors of the printing and graphic arts industry, using limited practical skills and fundamental knowledge in a defined context. They generally 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. Use measuring tools and apply results	1.1 Identify job requirements and calculations to be made 1.2 Identify and select required measuring tools 1.3 Use measuring tools to record measurements
2. Calculate costs and dimensions	2.1 Calculate costs and dimensions 2.2 Calculate material and time costs elements of a job 2.3 Calculate percentages to determine cost and time requirements of a job
3. Calculate area, density and volume	3.1 Calculate and apply density and volume of fluids and colours 3.2 Calculate percentages of densities and volumes to fulfil requirements of a job

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	Records numerical and key information related to outcomes of the job
Planning and Organising	Plans and implements routine tasks with familiar goals and outcomes
Self-management	Takes responsibility for addressing predictable problems in familiar work contexts

Unit Mapping Information

Supersedes and is equivalent to ICPSUP263 Perform basic industry calculations.

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 ICPSUP2630 Perform basic industry calculations

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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 the unit, including evidence of the ability to:

- use basic measuring tools and perform numerical calculations for at least three different jobs involving basic arithmetic, percentages and geometry to calculate costs, dimensions, weights, areas, density and volumes.

In the course of the above, the candidate must document the results of calculations and show working out to enterprise standards.

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:

- methods of providing quick approximations of expected answers
- enterprise standards for documenting and recording calculations
- parallax errors and how they affect measurements
- the determination criteria for acceptable tolerances in measurement
- the measuring tools available in the workplace and their function.

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. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the area of work.

This includes access to:

- industry standard measuring tools
- industry software packages.

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

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