MSL974023 Capture and manage scientific images

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in *MSL Laboratory Operations Training Package Release 2.0.* Supersedes and equivalent to MSL974008 Capture and manage scientific images. Range of conditions removed. Assessment requirements amended.

Application

This unit of competency describes the skills and knowledge to capture accurate and reproducible images of scientific (environmental, medical and technical) subjects using a scientific approach and workplace procedures/protocols to ensure the integrity of the image. It also includes the ability to generate and maintain pre- and post-image capture records to ensure that images can be reproduced.

This unit applies to laboratory technicians in all industry sectors.

No licensing or certification requirements exist at the time of publication. However, regulations and/or external accreditation requirements for laboratory operations exist, so local requirements should be checked. Relevant legislation, industry standards and codes of practice within Australia must also be applied.

Pre-requisite Unit

Nil

Competency Field

Testing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	**Establish requirements for image capture**	1.1	Define requirements and purpose of the work and create a brief
		1.2	Choose an imaging technique that maintains the integrity and veracity of the subject and fulfils the work

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.

		requirements
	1.3	Plan the work using technical knowledge to ensure an effective and efficient result
2	**Plan and set up the shoot**	2.1	Select and assemble the required equipment
		2.2	Follow ethical and legal work practices at all times
		2.3	Assess risks or hazards and implement safety procedures
		2.4	Prepare the subject to achieve the brief
3	**Capture and reproduce the required image**	3.1	Expose media or film and accurately document the work in progress
		3.2	Review the image against the work requirements and repeat if necessary
		3.3	Reproduce the image to specification
4	**Keep records and deliver images**	4.1	Accurately and retrievably record the request, technical specifications and images so that they are retrievable
		4.2	Store records safely and securely to archival standards
		4.3	Follow copyright and crediting policies and procedures
		4.4	Deliver images and confirm accuracy

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Equivalent to MSL974008 Capture and manage scientific images, Release 1.

Links

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa