

Unit Title: Prepare and Reproduce Permanent Radiographic Images	
Level:	Three
Credit Value:	4
GLH:	23
OCNLR Unit Code:	PA1/3/LQ/070
Ofqual Unit Reference Number:	R/508/3906

This unit has 5 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the legislation and codes of practice related to the preparation and reproduction of radiographic images.	1.1. Summarise the current legislation, national guidelines, policies, protocols and good practice guidelines for preparing and reproducing permanent radiographic images.
2. Understand the materials and techniques involved in preparing and reproducing permanent images.	2.1. Explain why radiographic images and other materials must be handled carefully. 2.2. Explain why radiographic images and other materials must be correctly identified and labelled. 2.3. Explain the types and amounts of materials to use with different processors. 2.4. Explain how to prepare materials for use with different processors. 2.5. Explain the equipment, materials and systems to use for different radiographic image production and reproduction processes. 2.6. Explain the different stages of film processing and preparation. 2.7. Explain the procedures associated with using different radiographic image production and reproduction equipment and materials.

<p>3. Prepare equipment and materials to process radiographic images.</p>	<p>3.1. Confirm that the equipment is in good working order and fully operational prior to use.</p> <p>3.2. Select image production and reproduction materials or systems appropriate to the modality, type of permanent image required and the method of image storage.</p> <p>3.3. Monitor and maintain heating, lighting, ventilation and humidity at correct levels for the process and the materials being used.</p>
<p>4. Carry out the processing of radiographic images.</p>	<p>4.1. Operate and handle equipment, materials or systems in line with local policy and protocol.</p> <p>4.2. Explain how to identify and remedy any faults or minimise any damage to equipment and materials.</p> <p>4.3. Label images where they are not automatically identified in line with local policy and protocol.</p> <p>4.4. Prepare radiographic images for distribution.</p>
<p>5. Monitor the processing procedure for radiographic images.</p>	<p>5.1. Monitor heating, lighting, ventilation and humidity at correct levels for the process and the materials being used throughout procedure.</p> <p>5.2. Confirm the quality of permanent radiographic images in line with local standards and protocol.</p> <p>5.3. Record where the quality of permanent radiographic images does not meet local standards and protocol.</p> <p>5.4. Explain the remedial action to take if the quality of any image does not meet local standards and protocol.</p> <p>5.5. Explain why the quality of processing equipment and procedures must be regularly monitored.</p>

Assessment

The grid below gives details of the assessment activities to be used with the unit attached. Please refer to the OCN London Assessment Definitions document for definitions of each activity and the expectations for assessment practice and evidence for verification.

P = Prescribed This assessment method *must* be used to assess all or part of the unit.

O = Optional This assessment method *could* be used to assess all or part of the unit.

Case Study		Project	
Written question & answer/test/exam	O	Role play/simulation	
Essay		Practical demonstration	P
Report		Group discussion	
Oral question and answer	O	Performance/exhibition	
Written description	O	Production of artefact	
Reflective log/diary		Practice file	