



Unit title	Inspect Asset using CCTV Equipment
SQA code	H8MF 04
SCQF level	5
SCQF credit points	11
SSC ref	EUS SD6

History of changes

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Title	Inspect Asset using CCTV Equipment	
Learning Outcomes	Assessment Criteria	
The learner will:	The learner can:	
<p>1 Be able to prepare to inspect the asset using CCTV equipment in accordance with approved procedures and practices.</p>	<p>1.1 Confirm the accuracy of the following:</p> <ul style="list-style-type: none"> (a) Cable reading. (b) Offset distance. (c) Lighting requirements. <p>1.2 Check the CCTV equipment and ensure the following:</p> <ul style="list-style-type: none"> (a) The monitor screen is clean. (b) The correct aspect ratio is being used. (c) There is no distortion of the picture. <p>1.3 Confirm all the CCTV and associated equipment is working properly in accordance with approved procedures and practices.</p> <p>1.4 Investigate any faults in system performance, reporting them to the correct person.</p> <p>1.5 Organise own work area in order to work efficiently and safely.</p> <p>1.6 Complete the required records legibly, according to requirements.</p>	
<p>2 Be able to monitor CCTV camera images and report findings in accordance with approved procedures and practices.</p>	<p>2.1 Use CCTV systems and equipment in line with operating instructions and in accordance with approved procedures and practices.</p> <p>2.2 Record CCTV activities or incidents in accordance with approved procedures and practices.</p> <p>2.3 Control and use CCTV systems to full operational ability.</p> <p>2.4 Interpret and report findings to the correct person.</p>	

	2.5	Identify problems outside the scope of own responsibility, reporting them to the correct person.
3	Know how to use CCTV equipment to inspect assets in accordance with approved procedures and practices.	<p>3.1 Identify the risks associated when inspecting assets using CCTV equipment and the necessary control measures in line with associated procedures</p> <p>3.2 Explain the operational instructions and procedures that should be followed when preparing to inspect areas using CCTV equipment</p> <p>3.3 Explain what to do if the CCTV equipment is not working correctly when inspecting assets</p> <p>3.4 Explain the health and safety guidance relating to the use of visual display units</p> <p>3.5 Explain how to adjust and use the equipment and system controls for best performance</p> <p>3.6 Identify the terminology used with CCTV equipment and usage relating to using CCTV equipment</p> <p>3.7 Describe the area of coverage of each camera being used</p> <p>3.8 Outline the capabilities and limitations of the systems and equipment being used.</p>
4	Know how to maintain effective and efficient working relationships.	4.1 Explain how to maintain working relationships with others during CCTV monitoring.

Additional information about the Unit

Unit purpose and aim(s)

This unit allows a learner to demonstrate competence in using CCTV equipment to inspect assets. They should confirm, before use, that it is working properly and adjust it for best performance. The learner should be able to interpret what they see on the screen, report findings appropriately, and contact the appropriate person to deal with problems outside the scope of own job.

The learner must be aware of the risks associated with carrying out sewerage maintenance operations, and must follow safe working practices throughout any work activities, in line with health, safety and environmental requirements and company policies.

Details of the relationship between the Unit and relevant national occupational standards (if appropriate)

Energy & Utility Skills. Suite: Sewerage Maintenance Unit: 019NSM3 Monitor asset using CCTV equipment.

Details of the relationship between the Unit and other standards or curricula (if appropriate)

Assessment requirements specified by a sector or regulatory body (if appropriate)

Some terms, used in the assessment criteria, cover a range of situations, as follows:

1. **Approved procedures and practices** include:
 - (a) Regulatory.
 - (b) Health, Safety & Environment.
 - (c) Relevant company procedures.
 - (d) Risk assessments and method statements.
 - (e) Security of equipment.
2. **Equipment** includes:
 - (a) Cameras.
 - (b) Monitors.
 - (c) System controls.
 - (d) Computers.
 - (e) Lights.
 - (f) Ancillary equipment.
3. **Records** include records that you need to make of:
 - (a) Incidents.
 - (b) Equipment.
 - (c) Digital media.
 - (d) Duties.

- (e) Access.
- (f) Contracts and work instructions.
- (g) Health, Safety and Environmental Compliance.

Some terms in the assessment criteria cover a range of situations. Refer to the full assessment requirements and guidance for this unit for a detailed list of terms and definitions, agreed with Energy & Utility Skills.

This unit must be assessed in line with the Energy & Utility Skills assessment strategy for vocational qualifications based on its national occupational standards.

The learner must either be observed by an assessor on at least one occasion, or must provide an observation report or witness testimony from their line manager as part of the evidence for this unit.

All evidence produced for this unit must come from real work activity undertaken in the learner's workplace.

Assessment (evidence) Requirements

Workplace evidence

The performance evidence for this Unit must come from the learner's own work activities, both in their own 'reporting base' and from their CCTV inspection activities. Simulated activities or activities carried out in a realistic working environment, for the purposes of assessment, may not be used for the assessment of this Unit.

Knowledge and understanding

The knowledge and understanding requirements for this Unit must be covered in full. The learner may demonstrate considerable knowledge through their workplace performance and during observed assessments, but it is likely that some assessor questioning will be needed to confirm that all knowledge requirements are met. The centre may use oral and/or written questioning to cover the knowledge requirements.

Guidance on Instruments of Assessment

The evidence for this Unit is likely to be generated through a mixture of observation reports, assessor-guided discussions and questioning, and workplace records, reports or documentation.

The evidence must include an assessor observation report or a witness statement or report that has been assessed against the Unit requirements.