

# ASTSLP15

## Maintain the operational performance of CCTV systems



---

### Overview

This unit defines the national standard of occupational competence for making sure CCTV systems and equipment is working as required. This unit therefore sets the standard for you to: -

1. Confirm operational performance of CCTV systems (Element SLP 15.1)
2. Arrange for unacceptable performance to be rectified (Element SLP 15.2)

Before you begin to check the performance of CCTV systems and equipment, you should make sure that this would not compromise your organisation's operational commitments. You should then carry sufficient valid tests to determine how well the system is working. You might need to make adjustments with the system or equipment or identify which system component is impairing the overall performance. Or you might have to contact someone else to rectify the unacceptable performance.

You should be able to give sufficient operational information to the relevant person to help them rectify problems with CCTV systems or equipment. You could also be required to assist them, in line with your responsibility and authority.

You should therefore understand the operational requirements of CCTV systems and equipment, as well as how to test operational performance. You should also understand CCTV terminology, sufficient to describe system performance, tests and faults.

# ASTSLP15

## Maintain the operational performance of CCTV systems

---

### Performance criteria

#### Confirm operational performance of CCTV systems

*You must be able to:*

- P1 make sure that operational commitments of your organisation are not compromised while you test CCTV systems
- P2 carry out sufficient and appropriate **tests** to determine the operational performance of CCTV systems
- P3 make necessary **adjustments** to get the optimum performance from CCTV systems
- P4 identify correctly **equipment** or system **components** that impair optimum performance of systems
- P5 record accurate and sufficient details of **unacceptable performance** so that remedial action can be taken
- P6 record complete and accurate details of tests and results when required

#### Arrange for unacceptable performance to be rectified

*You must be able to:*

- P7 take approved action that is within your authority and responsibility to rectify unacceptable performance of CCTV systems
- P8 provide sufficient information to **the relevant person** to help them rectify **unacceptable performance** of CCTV **equipment** or **components**
- P9 provide appropriate practical help when asked, to help rectify performance, in line with your responsibility and authority
- P10 make sure that operational commitments of your organisation are not compromised while system performance is being rectified
- P11 record complete and accurate details of action taken to rectify performance when required

# ASTSLP15

## Maintain the operational performance of CCTV systems

---

### Knowledge and understanding

*You need to know and understand:*

#### Confirm operational performance of CCTV systems

- K1 current relevant legislation, regulations, codes of practice and guidelines relating to maintaining the operational performance of CCTV systems
- K2 the limits of your responsibility and authority to maintain the performance of CCTV systems, including tests and adjustments
- K3 the functional operation of the CCTV systems and equipment that you are required to maintain
- K4 how to test CCTV systems and their required performance
- K5 what adjustments you can make and how to make them
- K6 how to recognise when CCTV systems are not working at their optimum performance, and likely causes of unacceptable performance
- K7 what information and details of unacceptable system performance you should record so that remedial action can be taken

#### Arrange for unacceptable performance to be rectified

*You need to know and understand:*

- K8 current relevant legislation, regulations, codes of practice and guidelines relating to maintaining the operational performance of CCTV systems
- K9 the limits of your responsibility and authority to maintain the performance of CCTV systems, including taking action to rectify unacceptable performance
- K10 the functional operation of the CCTV systems and equipment that you are required to maintain
- K11 terminology used with CCTV systems and equipment, particularly when describing performance, tests and faults
- K12 to whom and how to report unacceptable performance, and what information will help them

# ASTSLP15

## Maintain the operational performance of CCTV systems

---

### Additional Information

#### Scope/range related to performance criteria

#### Confirm operational performance of CCTV systems

1. **tests** that you would carry out to confirm: basic operation (functional); system performance (operational)
2. **adjustments** to systems and equipment: image quality; coverage of cameras; camera movement; monitor (screen) image quality; recording quality
3. **equipment** or **components** of CCTV systems: cameras; monitors (screens); system controls; lights; recorders
4. **unacceptable performance**: camera image quality; camera control; monitor image; recording quality

#### Arrange for unacceptable performance to be rectified

5. **relevant person** to whom to report unacceptable system performance: internal colleague; manufacturer's or supplier's representative; specialist
6. **unacceptable performance**: camera image quality; camera control; monitor image; recording quality
7. **equipment** or **components** of CCTV systems: cameras; monitors (screens); system controls; lights; recorders

# ASTSLP15

## Maintain the operational performance of CCTV systems

---

**Developed by** Asset Skills

---

**Version number** 1

---

**Date approved** December 2007

---

**Indicative review date** December 2009

---

**Validity** Current

---

**Status** Tailored

---

**Originating organisation** Skills for Security

---

**Original URN** SLP15

---

**Relevant occupations** Health, Public Services and Care; Public Services; Elementary Occupations; Elementary Security Occupations

---

**Suite** Parking Control Occupations

---

**Key words** CCTV, maintenance, systems