



## Fire, Emergency & Security Systems – End Point Assessment

### Candidate Assessment Tips

#### Before you start:

Make sure you're armed with all the information! The 'Readiness for Assessment Checklist' lists all areas of the assessment and what you'll be expected to do. Make sure you read this thoroughly and discuss this with your training provider and employer – if there are any areas you feel you don't have enough practical experience or knowledge, flag this up and question if you're ready for the assessment.

In the real world you'll be expected to work on a variety of different systems and control panels, from a range of manufacturers. As part of your training you should ask your training provider and employer how you can gain practical experience and develop generic installation skills, so you can learn to follow different manuals and installation guides.

The tips below give you just an idea of how to make the most of each section and avoid some of the common pitfalls that might occur:

Section A: Working Safely – 30 mins	
What's required?	<ol style="list-style-type: none"> <li>1. Carry out a review of safe working practices</li> <li>2. Carry out a risk assessment</li> <li>3. Record the findings on the relevant documentation</li> </ol>
Top Tips	<ul style="list-style-type: none"> <li>➤ Look at what might cause harm to individuals because of work-related activity</li> <li>➤ Decide who might be harmed and how</li> <li>➤ Evaluate the risks and decide on precautions</li> <li>➤ Record everything!</li> </ul>

Section B: Take over an Existing System – 1.5 hours	
What's required?	<ol style="list-style-type: none"> <li>1. Check the systems for operation and compliance with current standards</li> <li>2. Complete takeover certificates for each system</li> <li>3. If any faults or errors are found, list the circuit, type of fault and suggest a rectification</li> </ol>
Top Tips	<ul style="list-style-type: none"> <li>➤ Make sure no faults are missed and you complete the required paperwork.</li> <li>➤ You'll lose marks if you fail to identify one of the faults</li> <li>➤ Ask your training provider and employer for support and practice the activity covered in the checklist</li> </ul>

Section C: Addition to Systems – 5 hours	
What's required?	<ol style="list-style-type: none"> <li>1. Select the correct equipment to expand the existing system, from a given specification</li> <li>2. Position the equipment in the specified position</li> <li>3. Select the correct cable and install to current standards.</li> <li>4. Correctly connect the additional equipment to the existing system as stated within the given specification</li> <li>5. Carry out the correct sequence for safe isolation of the circuit you will be working on.</li> </ol>

<b>Top Tips</b>	<ul style="list-style-type: none"> <li>➤ Familiarise yourself with all areas of the system and the components used.</li> <li>➤ Make sure all sections are completed – you will lose marking points for not completing this section fully.</li> <li>➤ Check the time during the install section to ensure you don't run out of time and fail to complete the task.</li> <li>➤ Practice safe isolation as much as possible – this is an instant fail if not completed correctly.</li> </ul>
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<b>Section D: Commission Systems - 2 hours</b>	
<b>What's required?</b>	<ol style="list-style-type: none"> <li>1. Complete the required commissioning tests.</li> <li>2. Correctly complete the System Installation Record.</li> </ol>
<b>Top Tips</b>	<ul style="list-style-type: none"> <li>➤ Carry out all required tests on the systems – don't lose marks on missed tests!</li> <li>➤ Carefully complete the System Installation Record and ensure all sections are completed</li> </ul>

<b>Section E: Assessment of Underpinning Knowledge – 1hr 30 mins</b>	
<b>What's required?</b>	This section takes the form of an online multiple-choice examination. You will be expected to answer 60 questions and achieve a minimum pass mark of 66%.
<b>Top Tips</b>	<ul style="list-style-type: none"> <li>➤ The questions in this section should have been taught and tested as part of the knowledge criteria of your training programme. Ask your training provider for help with preparation in this area.</li> </ul>

<b>Section F: Professional Discussion – 45 mins</b>	
<b>What's required?</b>	You'll have to demonstrate knowledge and competence, by means of a professional discussion.
<b>Top Tips</b>	<ul style="list-style-type: none"> <li>➤ There are no trick questions in this section</li> <li>➤ If you do not understand the question you are asked, ask for it to be repeated</li> <li>➤ You may be asked to expand on your answers if the assessor needs more information to demonstrate your knowledge or competence.</li> </ul>

To download the Readiness for Assessment Checklist visit:

<https://www.netservices.org.uk/readiness-for-assessment-checklist/>