

Highfield Level 3 End-Point Assessment for ST0189 Fire, Emergency and Security Systems Technician

Combined Fire and Security pathway Mock Assessment Materials - Practical Skills Test

The following pages contain documentation that may be used for employer/training providers to carry out 'mock' assessments for the Practical Skills Test.

| Task 1 – Takeover and Repair – Fire – Non addressable and addressable | | |
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| Ref | Assessment Criteria | Passed |
| SC1.1 | Isolates mains electricity safely** | |
| SC1.2 | Works with a viable loop circuit** | |
| WS1.2 | Demonstrates safe operating practices and adherence to regulations during takeover process* | |
| WS1.3 | Carries out dynamic risk assessment during takeover process and mitigates possible hazards* | |
| CST1.1 | Identifies faults and non-compliances during takeover process | |
| CST1.2 | Identifies recommendations to non-compliances during takeover process | |
| CST1.3 | Rectifies faults during takeover process | |
| CST1.4 | Records rectifications during takeover process | |

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| S1.1 | Completes work tasks in a timely manner | |
| S1.2 | Works with maximum efficiency during all tasks | |
| P1.1 | Completes takeover documentation accurately | |
| P1.2 | Completes documentation in detail | |

| Task 2 – Takeover and repair – Security – Access control, intruder alarm, CCTV | | |
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| Ref | Assessment Criteria | Passed |
| WS2.1 | Demonstrates correct use of PPE* | |
| WS2.2 | Demonstrates safe operating practices and adherence to regulations during takeover process* | |
| WS2.3 | Carries out dynamic risk assessment during takeover process and mitigates possible hazards* | |
| CST2.1 | Identifies faults and non-compliances during takeover process | |
| CST2.2 | Identifies recommendations to non-compliances during takeover process | |
| CST2.3 | Rectifies faults during takeover process | |
| CST2.4 | Records rectifications during takeover process | |
| S2.1 | Completes work tasks in a timely manner | |
| S2.2 | Works with maximum efficiency during all tasks | |

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| P2.1 | Completes takeover documentation accurately | |
| P2.2 | Completes documentation in detail | |

| Task 3 – Installing additions and commissioning – Fire – Non-addressable | | |
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| Ref | Assessment Criteria | Passed |
| SC3.1 | Works with a viable loop circuit** | |
| WS3.1 | Demonstrates safe operating practices and adherence to regulations during installation process* | |
| WS3.2 | Carries out dynamic risk assessment during installation and mitigates possible hazards* | |
| CST3.1 | Applies understanding of design and planning of fire, security or emergency lighting systems | |
| CST3.2 | Demonstrates installation techniques of fire, security or emergency lighting systems | |
| CST3.3 | Completes installation efficiently | |
| ST3.1 | Operates programming and control equipment effectively | |
| S3.1 | Completes work tasks in a timely manner | |
| S3.2 | Carries out work tasks in an environmentally friendly manner | |
| P3.1 | Selects and uses compliant ancillary equipment to meet specification | |
| P3.2 | Carries out installation of cables correctly and in a compliant manner | |

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| P3.3 | Completes functionality testing accurately to industry standards to ensure system operation* | |
| P3.4 | Identifies non-compliances and variations during commissioning | |
| P3.5 | Completes electrical testing during commissioning | |
| P3.6 | Completes commissioning documentation accurately | |
| P3.7 | Completes documentation in detail | |

| Task 4 – Installing additions and commissioning – Security – Intruder alarm, CCTV | | |
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| Ref | Assessment Criteria | Passed |
| SC4.1 | Works with a viable loop circuit** | |
| WS4.1 | Demonstrates safe operating practices and adherence to regulations during installation and commissioning process* | |
| WS4.2 | Carries out dynamic risk assessment during installation and commissioning and mitigates possible hazards* | |
| CST4.1 | Applies understanding of design and planning of fire, security or emergency lighting systems | |
| CST4.2 | Demonstrates installation techniques of fire, security or emergency lighting systems | |
| CST4.3 | Completes installation efficiently | |
| ST4.1 | Operates programming and control equipment effectively | |
| S4.1 | Completes work tasks in a timely manner | |

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| S4.2 | Carries out work tasks in an environmentally friendly manner | |
| P4.1 | Selects and uses correct ancillary equipment to meet specification | |
| P4.2 | Carries out installation of cables correctly and in a compliant manner | |
| P4.3 | Completes functionality testing accurately to industry standards to ensure system operation | |
| P4.4 | Identifies non-compliances and variations during commissioning | |
| P4.5 | Completes electrical testing during commissioning | |
| P4.6 | Completes commissioning documentation accurately | |
| P4.7 | Completes documentation in detail | |

* must be met in order to gain pass / distinction

failure to achieve either of these criteria results in instant fail **and termination of assessment for safety reasons