

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		
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	

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		
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	

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

Task 3 – Installing additions and commissioning – Fire – Non-addressable		
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	

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		
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	

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