



## AM2: Common Candidate Errors

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This guidance is designed to give an overview of the common reasons why candidates lose marks during AM2 assessment, based on the occupational competency requirements for a qualified electrician working under BS7671. It is intended as a revision guide to help apprentices and trainees in preparation for the AM2 assessment

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### **Section A1: Safe Isolation & Risk Assessment**

- Candidates have not demonstrated the correct procedure for Safe Isolation of Supplies
- Candidates do not prove test equipment before and after Safe Isolation
- Candidates do not locate the key in a secure place
- Candidates do not fit warning notices

### **Section A: Composite Installation (A2 to A9)**

- Candidates do not install the circuits in accordance with the requirements of BS 7671
- Candidates do not install the circuits in accordance with the installation specification
- Candidates do not select the correct type of protective device
- Candidates do not correctly position the protective device
- Candidates do not select the correct size and type of circuit conductors
- Candidates do not sufficiently tighten glands or clamps
- Candidates do not correctly identify conductors and cables
- Candidates remove too much or too little insulation to make an effective electrical connection or increase the risk of electrical contact
- Circuits are not connected in a way as to ensure effective functional operation
- Candidates do not ensure effective segregation of extra low voltage and low voltage cables

### **Section B: Inspection & Testing (B1 to B12)**

- Candidates do not select the correct instrument for the required test
- Candidates do not prepare the instrument for use and set it on the correct range
- Candidates do not carry out the test in accordance with BS 7671
- Candidates do not record the test results



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- Candidates do not verify test results obtained against the requirements of BS 7671
- Candidates do not complete BS 7671 Inspection 7 Testing documentation correctly and accurately
- Candidates do not verify that the installed circuits and equipment function as intended

### **Section C: Fault Diagnosis and Rectification (C1 & C2)**

- Candidates do not carry out Safe isolation procedures correctly
- Candidates do not correctly identify the faults
- Candidates do not record a correct method for rectifying the faults

### **Section D: Online Exam (30 multi-choice questions)**

#### **Open book exam: BS 7671; IET On Site Guide; IET Guidance Note 3**

- Candidates do not understand how to access information from BS 7671
- Candidates do not understand the requirements of BS 7671
- Candidates do not understand the requirements of the Building Regulations

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*For more AM2 assessment information and preparation tips, please visit the NET website at [www.netservices.org.uk](http://www.netservices.org.uk)*

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