**EAL Level 3 Experienced Worker Qualification**

**603/5982/1**

**Job Number \_\_\_\_**

**Inspect, Test and Commission**

**Site Evidence Unit 06**

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**NAME:**

**COMPANY:**

**EMAIL:**

**TEL:**

**SUPERVISOR:**

**ASSESSOR:**

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| **Unit Code: (ETKP3-06)**  **Inspect, Test and Commission Electrical Systems.** | |
| **Learning Outcome 1:**  Be able to confirm safety of the system and equipment prior to completion of inspection, testing and commissioning in accordance with statutory and non-statutory regulations. | |
| Photos of you carrying out safe isolation:-   1. Locking off with warning label 2. Proving instrument on known supply 3. Testing between all conductors 4. Re-proving instrument on known supply   This evidence could possibly be used on  01.1.3(c)  05.1.2(a)  07.1.3 | ***Learning outcome****: 1.1*  ***Criteria****: Carry out safe isolation procedures in accordance with regulatory requirements for electrical installations.*  **Address:**  **Date:** |
| Photo of you erecting barriers and/or signs.  This evidence could possibly be used on  01.2.4  01.3.4  07.1.4 | ***Learning outcome****: 1.2*  ***Criteria****: Ensure the health and safety of themselves and others within the work location during inspection, testing and commissioning.*  **Address:**  **Date:** |
| Photo of you inspecting the area is safe before you start work. | ***Learning outcome****: 1.3*  ***Criteria****: Check the safety of electrical systems prior to the commencement of inspection, testing and commissioning.*  **Address:**  **Date:** |
| **Learning Outcome 2:**  Be able to inspect electrical systems and equipment. | |
| Photo of you reading the method statement & risk assessment prior to starting work.  Copy of method statement & risk assessment in miscellaneous and reference it to 06.2.1 job number 1/2  This evidence could possibly be used on  01.1.2  01.1.3(a)(b)  03.2.1  04.1.1(b)  05.1.1(c) | ***Learning outcome****: 2.1*  ***Criteria****: Assess whether the safe system of work is appropriate to the work activity.*  **Address:**  **Date:** |
| Photos (**at least** **5**) of you carrying out a visual inspection. | ***Learning outcome****: 2.2*  ***Criteria****: Carry out a visual inspection in accordance with the requirements of the installation specification, BS7671 and IET Guidance Note 3.*  **Address:**  **Date:** |
| Photo of you completing a schedule of inspections.  Copy of schedule of inspectionsin miscellaneous and reference it to 06.2.3 job number 1/2 | ***Learning outcome****: 2.3*  ***Criteria****: Complete a schedule of inspections in accordance with BS7671 and IET Guidance Note 3 making technical decisions.*  **Address:**  **Date:** |
| **Learning Outcome 3:**  Be able to test and commission electrical systems and equipment. | |
| Photo of you checking the instrument, the test leads and probes/clips are safe to use. | ***Learning outcome****: 3.1*  ***Criteria****: Select the test instruments and their accessories for tests.*  **Address:**  **Date:** |
| Photo of you carrying out all of the tests showing the test settings and the readings on the instrument where applicable. | ***Learning outcome****: 3.2*  ***Criteria****: Carry tests in accordance with the installation specification and BS7671 and manufacturer’s instructions:*  *a) continuity*  *b) insulation resistance*  *c) polarity*  *d) earth fault loop impedance/earth electrode*  *e) prospective fault current*  *f) RCD operation*  *g) functional testing*  **Address:**  **Date:** |
| Photo of you showing test results to relevant person, **any** **one** off the list. | ***Learning outcome****: 3.3*  ***Criteria****: Analyse and verify test results reporting all findings to relevant persons, as appropriate:*  ***Cover One:***  *(e.g. over the assessment occasions cover one item twice or both items once).*  *a) representatives of other services/colleagues*  *b) customers/clients*  **Address:**  **Date:** |
| Photo of you completing each of the paperwork as per criteria.   1. Copy of Electrical Installation Certificate, Schedules of inspections and Schedules of test resultsin miscellaneous and reference it to 06.3.4(a) job number 1/2 2. Copy of Minor Electrical Installation Works Certificate in miscellaneous and reference it to 06.3.4(b) job number 1/2   (If digital, show photos) | ***Learning outcome****: 3.4*  ***Criteria****: Complete in accordance with BS7671 and IET Guidance Note 3:*  *a) an Electrical Installation Certificate (+Schedules of inspections and Schedules of test results)*  *b) a Minor Electrical Installation Works Certificate*  **Address:**  **Date:** |
| Photo of you handing over all certificates and manufacturers instructions to the relevant person.  (If digital, show photos) | ***Learning outcome****: 3.5*  ***Criteria****: Complete the handover of electrical systems and equipment to relevant persons including the provision of accurate and complete documentation regarding the completed inspection, testing, commissioning and customer satisfaction.*  **Address:**  **Date:** |
| Photo of you demonstrating to the customer operation of equipment  (could be a central heating programmer). | ***Learning outcome****: 3.6*  ***Criteria****: Demonstrate to the customer/client that the operation of the circuits, equipment and components are in accordance with the installation specification and customer/client requirements.*  **Address:**  **Date:** |