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| **Electrical Applications** | Instructor Verified: |  |
| **Hands On Test #3** | **CLO#5** |  |
| **Light Controlled from 2 Switches** | Grade: |  |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objective:**

Given the necessary materials, the student will construct an electrical circuit to the specifications listed, as evidenced by scoring a minimum of 75% on this performance test.

**Description of the Circuit:**

Construct a circuit in which power is fed to the luminaire box. From the luminary box, power shall be supplied to two separate switch boxes and a duplex. Either switch shall control the light. The duplex shall be powered at all times.

**Illustrate the Circuit.**

Draw the circuit below using the symbols discussed in class.

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**Instructor’s Notes:**

**Blueprint: (Devices installed in metal boxes, use type either MC or NM-B cable)**

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Hands On Test # 3

**Instructor’s Notes:**