204: Installation of wiring systems and enclosures  
**Worksheet 2-090: Sinking, chasing and making good**

**NB**: Students must not attempt this exercise before the correct use of all tools and materials has been demonstrated.

**Technical data**

* You are to make sure that all your work conforms to the requirements of the Health and Safety at Work Act.

**Material required**

|  |  |
| --- | --- |
| 1 off | Flush steel plaster-depth switch box |
| 1 off | 500mm single cable capping |
|  | 1½ x No.8 roundhead steel wood screws\* |
|  | Red rawlplugs\* |
|  | Plaster for making good\* |

\* Quantities to be determined by site inspection and from exercise demonstration.

**Procedure**

1. Enter the start time on the assessment sheet.
2. Determine the position of the box from the Lecturer.
3. From the site inspection, determine the amount of material required and prepare the material requisition.
4. **Have the requisition checked before proceeding.**
5. Obtain the material from the stores.
6. Cut a hole to accommodate the switch box at the specified location. The hole must be deep enough so that the switch box is flush to the surrounding wall surface.
7. Cut a channel 500mm long by 40mm wide running vertically from the top of the switch box position to accommodate the capping.
8. Fix the box squarely in the chased out hole using the round head screws.
9. Fix the capping in the cut channel ensuring it lies below the surface of the surrounding wall surface.
10. **Have this work checked by the Lecturer before proceeding.**
11. Make good the wall around the switch box and the channel with the plaster to ensure a flush wall finish.
12. **Notify the Lecturer that the work is ready for assessment.**
13. Enter the finish time on the assessment sheet.

Assessments are based on **observed** safety procedures, and the **quality** and **accuracy** of the completed exercise.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | **YES** | **NO** |
| **1.** | Material requisition correct first time | | **□** | **□** |
| **2.** | Method statement completed | | **□** | **□** |
| Assessed by: ………....………….. | | |  | |
| **3.** | Switch box hole located in the correct position | | **□** | **□** |
| Assessed by: ………....………….. | | |  | |
| **4.** | Switch box hole correct depth | | **□** | **□** |
| **5.** | Switch box hole correct size | | **□** | **□** |
| **6.** | Switch box hole square | | **□** | **□** |
| **7.** | Switch box securely fixed | | **□** | **□** |
| **8.** | Switch box squarely fixed | | **□** | **□** |
| **9.** | Switch fixed at correct depth | | **□** | **□** |
| **10.** | Channel cut to correct depth and length | | **□** | **□** |
| **11.** | Capping fixed in correct location | | **□** | **□** |
| **12.** | Capping securely fixed | | **□** | **□** |
| Assessed by: ………....………….. | | |  | |
| **13.** | Making-good flush to surrounding wall surface | | **□** | **□** |
| **14.** | Making-good sound with no undue cracking | | **□** | **□** |
| **15.** | Excess plaster removed from box. | | **□** | **□** |
| **16.** | Overall appearance to a commercially acceptable standard | | **□** | **□** |
| **17.** | Work area conformed to requirements of HASAWA | | **□** | **□** |
| **18.** | Correct safety procedures observed at all times | | **□** | **□** |
| Assessed by: ………....………….. | | |  | |
| Start Date & Time: ………………........………….. | | Finish Date & Time: ……...…...........…………… | | |
| Target Time: 90 minutes | | Time Taken: …………………….........…………… | | |