

Work Description Handout
According to D_PE2 – Practical Exercise
Build Electrical Two-way Lighting Circuit

Build Electrical Two-way Lighting Circuit		
Subject	Comments	Check
Obtain permit of work, execute risk assessment		
Undertake worksite preparation, tools, equipment and PPE check (having risk assessment in mind)		
Safeguard the workshop area and inform involved parties		
Prepare cables as necessary		
Installation of a two-way lighting circuit (board assembly) according to provided installation plan and circuit wiring diagram		
Install electrical cables and terminate wires		
Test the electrical circuit (de-energised) using a continuity tester		
Check electrical safety		
Connect the installation to the power grid and put the two-way lighting circuit into operation		
Test the electrical installation with power-supply voltage		
Cleaning, maintaining and preserving of tools, practical exercise and work-place		
Hand over the practical exercise to the trainer		

Total time slot 120 minutes (2 hrs)