

JOB SHEET

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Name : Hardik Shah Roll No: 18010221025 Batch : D2.

Name of the experiment : House wiring.

Tools and Experiment : Screw driver, cutting pliers, hammer, tester, insulation remover, screws, nails.

Raw material : Wooden wiring board, silk wire, bulbs, one way switch, tubelight, wooden round blocks, lamp holders, wire clips.

Procedure :

① Draw the outline of wiring diagram on a wooden wiring board, nail the clips and screw the round blocks.

② Connect the phase wire coming through the mains to the 1st terminal of the fuse and 2nd terminal of fuse is connected to NCB input.

③ Output of NCB terminal is connected to 1st terminal of Switch 1.

④ Similarly 2nd terminal of S1 is connected to lamp, 1st terminal of S2 is connected to first terminal of B1. 2nd terminal of B1 is connected to loop.

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① Neutral wire is connected to both the bulbs through the output of NCB.

② Thus circuit connection is complete.

Use : Used for basic house wiring of different components in our day to day life.

Conclusion : Learned house wiring and implemented it successfully!