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| --- | --- | --- | --- | --- |
| S.No. | Name of the Equipment | Image | Symbol | Function |
| 1. | Resistor | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\res.png | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\resistor.png | To control the flow of current to other components in a circuit. |
| 2. | Capacitor | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\cc.png | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Capacitor.png | To store the electrical energy and give this energy again to the circuit when necessary. |
| 3. | Inductor | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\in.png | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\i.png | To block AC while allowing DC to pass. |
| 4. | Voltmeter | Voltmeter | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\voltmeter.png | An instrument used for measuring electrical potential difference between two points in an electric circuit. |
| 5. | Ammeter | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\a.png | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Ameter.png | An instrument used for measuring electric current in units of amperes. |
| 6. | Relay | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\re.png | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\rel.png | Relays are switches that open and close circuits electromechanically or electronically. |
| 7. | Circuit Breaker | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\ccc.png | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\cb.png | To interrupt the current flow after a fault is detected. |
| 8. | Auto Transformer | C:\Users\HP\Downloads\output-onlinepngtools (4).png | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\at.png | It is used to start induction motors,regulate the voltage of transmission lines,transform voltages when the primary to secondary ratio is close to unity. |
| 9. | DC Motor | DC Motor | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DC Motor.png | A DC motor is any of a class of rotary electrical machines that converts direct current electrical energy into mechanical energy. |
| 10. | Slip Ring Induction Motor | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\s.png | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\slip ring induction motor.png | Generally employed where load requires high starting torque or good speed control. |
| 11. | Squirrel cage Induction Motor | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\sqq.png | C:\Users\HP\Desktop\Internship\15 June\Familarization\codes\sq.png | It functions on the principle of electromagnetism.The interaction of the magnetic fields produced by the stator and rotor windings produces a torque on the squirrel cage rotor. |
| 12. | Rheostat | Rehostate | C:\Users\DELL PC\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Rehostate.png | It is a variable resistor. By changing the resistance you can control the current flowing through it. |