

## Electrical Safety Inspection Checklist

**Site Inspection:**

**Location:**

**Inspected By:**

**Date:**

S. No	Inspection	Result	Remarks
<b>CABLES</b>			
<b>1</b>	Is the condition of the cable checked?		
<b>2</b>	Are cables supplied from other sites tested for insulation resistance (IR) before use?		
<b>3</b>	Are all primary cables taken underground (or) overhead?		
<b>4</b>	Are welding cables appropriately routed above ground?		
<b>5</b>	Are welding and electrical cables overlapping?		
<b>6</b>	Is there any inappropriate jointing of cables or wires on site?		
<b>DBS / SDBS</b>			
<b>1</b>	Is the earth conductor extended up to DB/SDB?		
<b>2</b>	Are DBs and extension boards protected against rain/water?		
<b>3</b>	Is there any of the overloading of DBs or SDBs?		
<b>4</b>	Are correct fuses and CBs provided on main and sub-boards?		

<b>5</b>	Is electrified wire in the junction boxes, CB panels, and other similar areas always protected?		
<b>ELCB</b>			
<b>1</b>	Are the connections routed through ELCB?		
<b>2</b>	Has the sensitivity of the ELCB been maintained at 30 mA?		
<b>3</b>	Are the ELCBs both numbered and tested on a regular basis, and are the findings of the tests recorded in a logbook that is countersigned by a competent individual?		
<b>EARTHING</b>			
<b>1</b>	Whether the continuity & tightness of earth conductor are checked?		
<b>ELECTRICAL MACHINES / ACCESSORIES</b>			
<b>1</b>	If the plug top is provided everywhere, is it available?		
<b>2</b>	Are there any metal components of the electrical equipment, light fittings, or accessories that are grounded together?		
<b>3</b>	Do you have a shed or a cover that can accommodate welding machines?		
<b>4</b>	In accordance with the standards, are portable power tools maintained?		

**Y – Yes, N – No, NS – Not Satisfactory**

**Notes:**

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**Inspection Engineer**

**Name:**

**Signature:**