

## ELECTRICAL HAZARD SPOTTING



Serial Number	Electrical Hazard
1.	Missing / cut earth connection for electrical equipment
2.	Missing electrical equipment identification
3.	Use of metallic portable electrical tool without proper plug & earthing
4.	Single isolation for multiple loads
5.	Temporary Cable Installations
6.	Open DBs / JB's/motor terminal boxes
7.	Portable electric tools without a 'OK tag' by VC electrical department
8.	Missing pipeline bonding for fuel pipelines (FO,HSD,MS)
9.	Any electrical work without valid work permit
10.	Defeated interlock in panel feeders (able to open feeders in energized condition)
11.	Use of re-wirable fuses in plant
12.	Joints in electrical cords for portable electrical tools
13.	Open under-floor cable trenches
14.	Storage of extraneous materials near / behind electrical panels
15.	Missing RCCB in any VC colony residence / hospital / guest house
16.	Welding sparks falling on cables / DBs / JB's
17.	Presence of water near electrical equipment (cables, motors, extension boards)
18.	Electrical extension boards without a 30 mA RCCB
19.	Dust accumulation inside DBs, JB's, motors
20.	Installed cables without cable glands
21.	Unsupported cables
22.	Power sockets fitted with multiple plugs
23.	Use of mobile phones in fuel handling areas
24.	Flameproof equipment with unused openings / missing bolts
25.	Electricians carrying tools in pockets