TOOLBOX TALK

Electrical Safety on Site

Topic	Electrical Safety on Site	Attendees	0

WHAT WE TALKED ABOUT

Electricity gives no warning. You cannot see it, hear it or smell it, and one contact can stop your heart. Most electrical injuries on site come from damaged leads, wet conditions and people doing electrical work they are not qualified for.

1. Only licensed electricians do electrical work. Do not wire, rewire or open up anything yourself.
2. Every tool and lead must be plugged into an RCD protected supply, and tested and tagged. Push-button test portable RCDs before each use.
3. Leads and tools on construction sites are tested and tagged at least every 3 months under AS/NZS 3012. An out of date tag means do not use.
4. Treat every wire and circuit as live until it has been isolated and proved dead by a qualified person.
5. Check leads and tools before use. Cut, crushed or taped cables get tagged out, not repaired with tape.
6. Keep electrical gear out of water and away from wet ground. Do not handle plugs with wet hands.
7. Run leads overhead or along walls on hooks, not through water, doorways or vehicle routes where they get crushed.
8. Use non-conductive ladders near anything electrical. Metal ladders and live wires do not mix.
9. Before cutting or drilling into walls, floors or ceilings, check for hidden cables with a detector and drawings.
10. Look up before you set up. Scaffolds, ladders, long materials and plant must stay out of the No Go Zone around overhead lines, including the service line to the building.
11. Never use a damaged power board, double adaptor or household lead on site.
12. Know where the switchboard is so power can be cut fast in an emergency.
13. If someone gets a shock: do not touch them, switch off the power, call 000 and start CPR if needed.

QUESTIONS FOR THE CREW

1. Where is the main switchboard for this site?
2. What do you do with a damaged lead?
3. What would you do if you saw someone stuck to a live tool?
4. How do we check for cables before cutting into a wall?
5. Are there any overhead or service lines near our scaffold, ladders or plant today?

Reference: WHS Regulation 2011, Part 4.7 (General electrical safety)

RUN BY

	Name	Signature	Date	
Presenter				

ATTENDANCE

Name	Role / company	Signature	Date

Name	Role / company	Signature	Date

Keep this record with your site safety file.