

# Electrical Inspection Checklist - Construction

This Electrical Inspection Checklist can be used for Electrical Installations: Construction and Demolition Sites. Based on AS/NZS 3012 Requirements.

Site Name	Site Address	Inspector Name	Date of Inspection

Clause	Requirement	Yes	No
1.2	All wiring installed according to AS3000 Wiring rules in addition to AS3012 requirements.	<input type="checkbox"/>	<input type="checkbox"/>
2.1.2	All electrical equipment and lighting supplied from a 30mA RCD protected circuit.	<input type="checkbox"/>	<input type="checkbox"/>
2.1.3	Source of supply identified.	<input type="checkbox"/>	<input type="checkbox"/>
2.3.1.1	Switchboard readily accessible.	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2.1 (ab)	Switchboard of robust construction with a minimum IP23 rating.	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2.1 (c)	Live parts effectively protected and warning sign attached along an electric shock symbol.	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2.1 (d)	Insulated tie bar for extension leads to prevent strain on socket /outlet	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2.1 (e)	Switchboard door is lockable, non-removable without a tool and fitted with a retention device to stay in open position.	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2.1 (e)	Switchboard has means of safe entry of leads and label: KEEP CLOSED –RUN LEADS THROUGH BOTTOM	<input type="checkbox"/>	<input type="checkbox"/>
2.3.3	Switchboard mounted on a pole, structure, wall or suitably designed free standing design	<input type="checkbox"/>	<input type="checkbox"/>
2.4.1	Switchboard has a main isolation switch capable of isolation all downstream circuits	<input type="checkbox"/>	<input type="checkbox"/>
2.4.2	Main switch capable of being locked or within a lockable space	<input type="checkbox"/>	<input type="checkbox"/>
2.4.3	Main switch labelled appropriately: MAIN SWITCH or DISTRIBUTION BOARD ISOLATION SWITCH or similar.	<input type="checkbox"/>	<input type="checkbox"/>
2.5.3	Construction wiring installed in appropriate conduit to protect against mechanical damage.	<input type="checkbox"/>	<input type="checkbox"/>
2.5.4	Construction wiring labelled with yellow tape with words 'construction wiring' at distances not longer than 5m.	<input type="checkbox"/>	<input type="checkbox"/>
2.6.9	Extension leads supported by stands or insulated hooks.	<input type="checkbox"/>	<input type="checkbox"/>
2.7.1	Adequate lighting provided for safe work.	<input type="checkbox"/>	<input type="checkbox"/>
2.7.2	Lighting is mechanically protected.	<input type="checkbox"/>	<input type="checkbox"/>

2.7.3	Emergency lighting adequate for safe exit of workers (if applicable).	<input type="checkbox"/>	<input type="checkbox"/>
2.8.1	If a lift shaft is present, the final sub-circuit feeding it is locked and tagged to prevent inadvertent isolation of supply.	<input type="checkbox"/>	<input type="checkbox"/>
2.9	Socket outlets in site sheds and other transportable structures are RCD protected.	<input type="checkbox"/>	<input type="checkbox"/>
3.8.3	Portable equipment including power leads are inspected at three-monthly intervals.	<input type="checkbox"/>	<input type="checkbox"/>
3.8.3	Portable RCD's trip time is tested every 3 months.	<input type="checkbox"/>	<input type="checkbox"/>
3.8.3	Switchboards, wiring and site sheds are inspected at six-monthly intervals.	<input type="checkbox"/>	<input type="checkbox"/>
3.10	Register available for equipment and includes records of testing and tagging. RCD trip time results and list of repaired equipment.	<input type="checkbox"/>	<input type="checkbox"/>

Action No.	Action Required

Re-inspection Date	Re-inspection Completed By	Compliance Date