Avante Green Group / SafetyCulture Staff / 02 May 2018

Electrical Safety at Work

Complete

Inspection score	Failed items	Created actions
91.67%	3	0

Client / Site Avante Green Group
Location 7B Park Place West, Sunderland SR2 8HT, UK
Conducted on 2nd May, 2018 4:51 PM AEST
Prepared by SafetyCulture Staff

Failed items

3 Failed

Audit / Electrical Equipment

Are electrical installations not in hazardous dust or vapor areas?	No

— Notes

Dusty computer found in the computer room

— Photos

Photo 2

Are exposed wiring and cords with frayed or deteriorated insulation repaired or replaced promptly?	No

— Notes

These wires can cause electrical hazards like physical injuries to the people who will get in contact with them.

— Photos

Photo 3

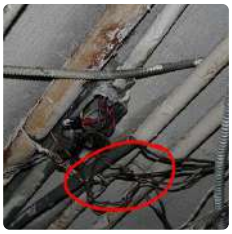

Photo 4

Are electrical enclosures such as switches, receptacles, junction boxes, etc., provided with tight-fitting covers or plates?	No

— Notes

No cover.

— Photos

Photo 6

Audit

3 Failed 91.67%

Description of work
Conducting electrical maintenance of a 5 floor building

Electrical Equipment

3 Failed

When electrical equipment or lines are to be serviced, maintained, or adjusted, are necessary switches opened, locked out or tagged, whenever possible?	Yes
Are portable electrical tools and equipment grounded or of the double insulated type?	Yes

— Notes

This is an example of a tool which is properly grounded and double insulated

— Photos

Photo 1

Are electrical appliances such as vacuum cleaners, polishers, vending machines, etc., grounded?	Yes
Do extension cords have a grounding conductor?	Yes
Are multiple plug adapters prohibited?	Yes
Are ground-fault circuit interrupters installed on each temporary 15 or 20 ampere, 120 volt alternating current (AC) circuit at locations where construction, demolition, modifications, alterations, or excavations are being performed?	Yes
Are all temporary circuits protected by suitable disconnecting switches or plug connectors at the junction with permanent wiring?	Yes

Are electrical installations not in hazardous dust or vapor areas?	No

— Notes

Dusty computer found in the computer room

— Photos

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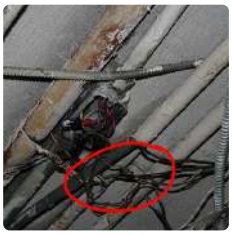

Photo 4

REFERENCE: Electrical wires in good working condition
[This is an example of how you can use iAuditor to include best practice reference images in your templates to assist with inspections]

Are flexible cords and cables free of splices or taps?	Yes
Are clamps or other securing means provided on flexible cords or cables at plugs, receptacles, tools, equipment, etc., and is the cord jacket securely held in place?	Yes
Are all cord, cable and raceway connections intact and secure?	Yes

In wet or damp locations, are electrical tools and equipment appropriate for the use or location or otherwise protected?	N/A
Is the location of electrical power lines and cables (overhead, underground, under floor, other side of walls, etc.) determined before digging, drilling, or similar work is begun?	N/A
Are metal measuring tapes, ropes, hand-lines or similar devices with metallic thread woven into the fabric prohibited where they could come in contact with energized parts of equipment or circuit conductors?	Yes
Is the use of metal ladders prohibited where the ladder or the person using the ladder could come in contact with energized parts of equipment, fixtures, or circuit conductors?	Yes
Are all disconnecting switches and circuit breakers labeled to indicate their use or equipment served?	Yes

— Notes

This is great. Labelled.

— Photos

Photo 5

Are disconnecting means always opened before fuses are replaced?	Yes
Do all interior wiring systems include provisions for grounding metal parts of electrical raceways, equipment and enclosures?	Yes
Are all electrical raceways and enclosures securely fastened in place?	Yes
Are all energized parts of electrical circuits and equipment guarded against accidental contact by approved cabinets or enclosures?	Yes
Is sufficient access and working space provided and maintained around all electrical equipment to permit ready and safe operations and maintenance?	Yes
Are all unused openings (including conduit knockouts) in electrical enclosures and fittings closed with appropriate covers, plugs, or plates?	Yes

Are electrical enclosures such as switches, receptacles, junction boxes, etc., provided with tight-fitting covers or plates?	No

— Notes

No cover.

— Photos

Photo 6

Are disconnecting switches for electrical motors in excess of two horsepower able to open the circuit when the motor is stalled without exploding? (Switches must be horsepower rated equal to or in excess of the motor rating.)	Yes
Is low voltage protection provided in the control device of motors driving machines or equipment that could cause injury from inadvertent starting?	Yes
Is each motor disconnecting switch or circuit breaker located within sight of the motor control device?	Yes
Is each motor located within sight of its controller or is the controller disconnecting means able to be locked open or is a separate disconnecting means installed in the circuit within sight of the motor?	Yes
Is the controller for each motor that exceeds two horsepower rated equal to or above the rating of the motor it serves?	Yes

Employees

Are all employees required to report any obvious hazard to life or property in connection with electrical equipment or lines as soon as possible?	Yes
Are employees instructed to make preliminary inspections and/or appropriate tests to determine conditions before starting work on electrical equipment or lines?	Yes
Are employees who regularly work on or around energized electrical equipment or lines instructed in cardiopulmonary resuscitation (CPR)?	Yes
Are employees prohibited from working alone on energized lines or equipment over 600 volts?	Yes

Lockout Procedures

Are proper lock-out, tag-out and testing completed to ensure the voltage is off before performing maintenance on electrical equipment?	Yes
Are multiple locking devices used when more than one person works on a piece of equipment so workers can all apply their own lock?	Yes
If there is a question about the safe operation of an electrical tool or piece of equipment, is it removed from service, tagged and repaired by a qualified technician?	Yes
Are there written lock-out procedures provided for anyone performing lock-out procedures, including contractors?	N/A
Is proper lock-out and tag-out equipment available that has only one key per lock?	N/A
Are authorized workers trained in proper lock-out procedures when performing maintenance on electrical equipment?	Yes
Do supervisors ensure proper lock-out procedures are followed?	Yes

Overall Assessment and Recommendations

Overall assessment of the workplace	At Risk

Enter recommendations here

1. Electrical installations should be free from dusts and water.
2. Always check for worn out cables and wires.
3. All switches should have covers and plates.
4. Stay away from restricted area where electricians only have the access.
5. Always ask assistance from competent people if there are electrical hazards observed.

Completion

Full Name and Signature of Inspector

Marion Clemence

2nd May, 2018 5:07 PM AEST

Photos

6 Photos

Photo 1

Photo 2

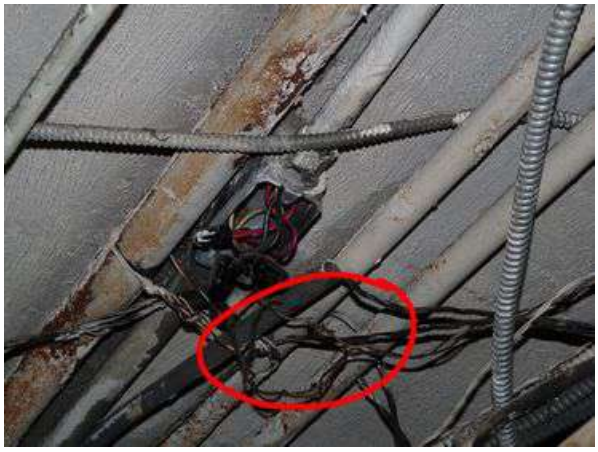

Photo 4

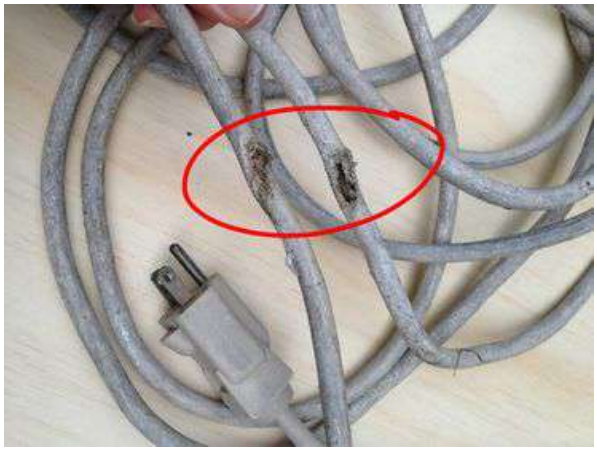

Photo 3

Photo 6

Photo 5