

| ORGANISATION DETAILS | | | |
|---------------------------|----------------------------------|------------------------------|--------------|
| Organisation Name: | Gedoun Constructions Pty Ltd | Contact Name: | Joe Gedoun |
| ACN/ABN: | 52 284 873 581 | Contact Position: | Director |
| Address: | PO Box 1138, Townsville QLD 4810 | Contact Phone Number: | 0412 968 974 |

| PROJECT DETAILS | | | |
|--|--|--|---------------------------|
| Project: | Gedoun Construction Sites | Project Address: | Gedoun Construction Sites |
| Project No: | | This WMS has been developed in consultation with: | Joe Gedoun |
| Activity: | WORKING ON OR NEAR EXPOSED ENERGISED ELECTRICAL EQUIPMENT | | Reviewed by: |
| | | Position: | Contract Administrator |
| Training/Instructions to be provided: | <input checked="" type="checkbox"/> Site Induction Training <input checked="" type="checkbox"/> OHS Induction Card Training <input checked="" type="checkbox"/> Manual Handling Training | <input checked="" type="checkbox"/> Task Specific Training, Manual Handling Training <input checked="" type="checkbox"/> Training Specified in any MSDS <input checked="" type="checkbox"/> Other (Specify): _____ | |
| Resources/Trades Involved: | Qualified Electricians | Engineering Details/Certificates/EPA/QLD Work Place Health & Safety Approvals: | Live Work Permit |
| Plant/Equipment Used: | A low reading ohmmeter, an insulation tester which shall have a nominal open circuit voltage of 500V DC and shall maintain its terminal voltage within +20% - 10% of the nominal open circuit terminal voltage, when measuring a resistance of 1.0MΩ on the 500V range, a trailing lead of known resistance, a services test lamp set with a HRC fused probe plus lamps NO greater than 2 x 15 watts (use of higher wattage lamps increases the risk of shock hazards). A suitable device to prove Kwh meter oration, eg: a 100 watt load lamp with a HRC fused, lead, a proximity voltage tester or neon test pencil of at least 500V rating. A clamp-on ammeter for measuring load current, a voltmeter and an RCD tester. | Warning Signs and Controls Measures: | As per Displayed Signage |
| | | Details of Emergency Procedures: | As per Site Safety Plan |

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|---|---|--|---|
| Personal Protective Equipment (PPE) to be used: | High Visibility Clothing and Safety Footwear (Steel Capped Boots) are to be worn by ALL worksites. Fire retardant material long sleeve shirt, trousers, safety helmet, safety glasses, rescue kit, low voltage insulating gloves. | Safety Data Sheets Required: | NIL |
| Occupational Health Safety or Environmental Legislation: | <ul style="list-style-type: none"> • Queensland Acts & Regulations • Workplace Health & Safety Act 2011, Workplace Health & Safety Regulations 2011 • Electrical Safety Act 2015, Electrical Safety Regulations 2013 • Building and Construction Industry Improvement Acts 2005 | Codes and/or Standards Applicable to the Works: | Building Code of Australia 2010 Queensland & National Codes of Practice: <ul style="list-style-type: none"> • Building and Construction 2000 Updated 2011 • Noise 2004 • Scaffold 2009 • Electrical 2013 • Manual Tasks 2010 • Plant 2013 • First Aid 2015 • Hazardous Substances 2011 • Prevention of Falls in Housing Construction 2012 • Construction Work 2013 • Building Code of Australia 2015 • Hazardous Substance Code of Practice 2003 National Standards: <ul style="list-style-type: none"> • Risk Management AS/NZS150 31000:2009 • National Standard for Construction Work NOSHC:1 016 (2005) • National Standard for Manual Tasks 2007 |

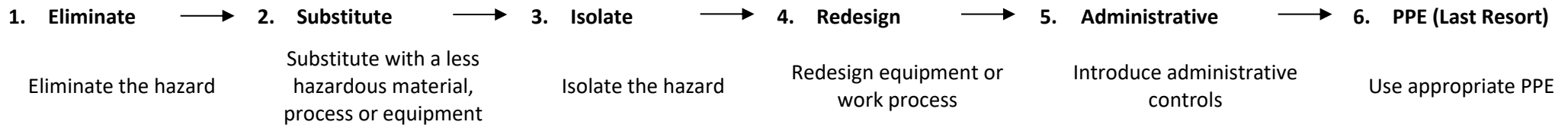
| HIGH RISK ACTIVITY: WORKING ON OR NEAR EXPOSED ENERGISED ELECTRICAL EQUIPMENT | | | | | | | | | |
|---|--|---|---|----|--|---|---|---|----------------------|
| JOB STEP | POTENTIAL HAZARDS | RISK SCORE (Before Control Measures) | | | CONTROLS | RESIDUAL RISK (After Control Measures) | | | PERSON RESPONSIBLE |
| | | L | C | R | | L | C | R | |
| Access equipment | Failure to allow an effective escape/entry route in an emergency | 3 | 5 | 15 | Remove obstacles such as tables and chairs to provide clear path of 600mm | 1 | 5 | 5 | Licenced Electrician |
| Preparation | Failure to implement necessary controls that could result in electrocution | 3 | 5 | 15 | <p>The following is to be undertaken prior to work commencing:</p> <ul style="list-style-type: none"> - An approved permit for work has been received - A risk assessment has been carried out - A minimum of two people are to be present and at least one to hold a current level 2 First Aid certificate (CPR and Switchboard Rescue) <p>Safety Observer Live Testing A competent worker appointed as safety observer must undertake the role of safety observer unless the work is testing at electrical equipment protected by a fuse or circuit breaker no greater than 100 amps and where the site risk assessment identifiers that:</p> <ul style="list-style-type: none"> - Controls are in place to prevent the chance of contacting opposing potentials; - The testing environment is readily accessible; - There is a low risk of unforeseen circumstances, e.g. dog or door opening; and - The testing is not safer with a safety observer <p>Rubber matting to be in place conforming to AS 2978. A hand held fire extinguisher appropriate for electrical fires shall be in the vicinity of the work area.</p> | 1 | 5 | 5 | Licenced Electrician |

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| Preparation (Continued) | | | | | <p>A rescue kit shall be placed alongside the work so as not to impede access or egress and the work area is to be adequately barricaded off. Notify other trades in the immediate area.</p> <p>Persons working on the job are attired correctly, this shall include long sleeved cotton shirt, cotton drill trousers or overalls of a fire retardant material, site specific PPE requirements and clear safety glasses (anti-flash) conforming to AS4836.</p> <p>Equipment required consist of: rescue kit, rubber mat, low voltage screening, elbow length rubber gloves, cotton inners and leather outer gloves, insulated tools.</p> <p>One person must not be involved in any aspects of the work which could result in contact with an energised source. Means of communication must be immediately available to ensure contact with medial or other assistance as required.</p> <p>Signage to be prominently displayed and place barricading around the area of the live providing at least a 1,000mm boundary.</p> <p>Hang insulating matts over exposed electrical components when possible.</p> <p>Check insulation of tools.</p> <p>Wear low voltage insulating "00" gloves.</p> <p><i>Points to remember!</i></p> <p><i>Don't wear these if you are doing electrical work: neck chains, rings, watches, bracelets, earrings or body piercings, metal-rimmed glasses.</i></p> | | | | |

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| | | L | C | R | | L | C | R | |
| Preparation (Continued) | | | | 15 | <i>Make sure you have space around you to move freely at all times without danger. For example; if you sneeze, you are not going to involuntarily touch exposed live parts.</i> | | | | |
| Visual inspection | Defective installation causing electrocution | 3 | 5 | 15 | Visual inspection shall include: <ul style="list-style-type: none"> - Basic protection (protection against direct contact with live parts) - Fault protection (protection against indirect contact with exposed conductive parts) - Protection against hazardous parts (guarding/screening) - Protection against spread of fire - General condition of equipment Note: Any visual defects identified shall be rectified prior to carrying out the works. | 1 | 5 | 5 | Licenced Electrician |
| Carry out repair, conduct test or fault finding task | Failure to use the correct installation category test equipment | 3 | 5 | 15 | Use in-test correct category test equipment only (Category III or Category IV are the probable requirements). Ensure all tools and equipment are maintained in good working order. | 1 | 5 | 5 | Licenced Electrician |
| | Failure to prevent live test leads pulling out of test equipment | 3 | 5 | 15 | Use manufacturers brand Type A probes, check for tight connections prior to use hang test equipment adjacent to where probes are being used, do not over extend the leads. | 1 | 5 | 5 | Licenced Electrician |

| RISK MATRIX | | | | | |
|---------------------------|-------------------|--------------|--------------|-------------------|-------------------|
| LIKELIHOOD | CONSEQUENCES | | | | |
| | INSIGNIFICANT (1) | MINOR (2) | MODERATE (3) | MAJOR (4) | CATASTROPHIC (5) |
| RARE (1) | Low (1) | Low (2) | Low (3) | Moderate (4) | Moderate (4) |
| UNLIKELY (2) | Low (2) | Moderate (4) | Moderate (6) | Moderate (8) | High (10) |
| POSSIBLE (3) | Low (3) | Moderate (6) | Moderate (9) | High (12) | High (15) |
| LIKELY (4) | Moderate (4) | Moderate (8) | High (12) | Catastrophic (16) | Catastrophic (20) |
| ALMOST CERTAIN (5) | Moderate (5) | High (10) | High (15) | Catastrophic (20) | Catastrophic (25) |

| | | | |
|-------------------------|--------------------|------|--|
| If the residual risk is | Catastrophic (16+) | Then | Work is unable to proceed. Seek other methods (Significant) |
| | High (10 – 15) | Then | Permission from High Level Management for work to proceed (Significant) |
| | Moderate (4 – 9) | Then | Permission from Worker in Charge for work to proceed (Insignificant) |
| | Low (1 – 3) | Then | Work able to proceed (Insignificant) |







C = Consequence

- 5 = **Catastrophic** = Fatality, permanent disability, long term widespread impacts, huge financial loss
- 4 = **Major** = Permanent disability or extensive injuries, medium to long term widespread impact, major financial loss
- 3 = **Moderate** = Lost time injury, reversible medium term local impact, high financial loss
- 2 = **Minor** = Medical treatment, reversible short – medium term impact to local area, medium financial loss
- 1 = **Insignificant** = First aid, limited impact to minimal area, low financial loss


L = Likelihood

- 5 = **Almost Certain** = It is almost certain that the risk will occur in most circumstances
- 4 = **Likely** = The risk is likely to occur in most circumstances
- 3 = **Possible** = There is uncertainty that the risk could occur
- 2 = **Unlikely** = The risk could occur at some time but there is confidence that it will not
- 1 = **Rare** = The impact/risk may occur only in exceptional circumstances

**I HAVE BEEN CONSULTED AND I ASSISTED IN DEVELOPPING THE WORK METHOS STATEMENTS THAT APPLY TO MY WORK ACTIVITIES.
I WILL COMPLY WITH ITS SAFE WORK PRACTICE.**

| PRINT NAMES | POSITION/TRADE | SIGNATURE | DATE |
|-----------------|-----------------------|---|-----------------|
| JOE GEDOUN | DIRECTOR/SITE MANAGER |  | 16 October 2017 |
| MATTHEW CARROLL | SITE SUPERVISOR |  | 16 October 2017 |
| CRAIG PENSINI | SITE SUPERVISOR |  | 16 October 2017 |
| BOYD TURNER | SITE SUPERVISOR |  | 16 October 2017 |

MONITORING AND REVIEWING OF WMS USE AND EFFECTIVENESS

| NAME | SIGNATURE | DATE |
|----------------|---|-----------------|
| STACY JACOBSEN |  | 16 October 2017 |