

| 1. Description of works to be carried out: | | | | | | | | | |
|--|--|---------------------------------------|---|---|-------------------|--------------------------------|---|-------------------------|--------------|
| Project / Address: | Generic Risk Assessment to cover all ELECTRICAL works. SITE SPECIFIC MUST BE COMPLETED | | | | | | | MS/RA N° | PMS/003 |
| Assessment by: | SM / KK | | | Title: | Electrical REPAIR | | | Date: | 31-01-2019 |
| | | | | | | | | | Review Date: |
| SEQUENCE OF WORK | Site specific risk assessment will determine safe methods of working. Use Risk assessment below as guideline only. Please report any alterations / variations to MS/ RA at the earliest opportunity. Contact Preferred on 0191 422 8826. | | | | | | | | |
| 2. IDENTIFICATION OF THOSE AFFECT AND DURATION | | | | | | | | | |
| Number of Operatives Involved | 1 to 2 | Other Site Operatives Effected (Tick) | x | General Public Effected (Tick) | x | Duration: (Days) | | Start Date: | |
| 3. IDENTIFICATION OF RISKS (Tick) | | | | | | | | | |
| Working from Scaffolding | x | Mobile Access Towers | x | Ladders | x | Work at Height | x | Falls of Material/Tools | x |
| Noise | x | HAVS | | Dust | x | Manual Handling | x | Excavations | |
| Buried Services | x | Hand Tools | x | Plant and Equipment | x | Power Tools | x | Manual Handling | x |
| Electricity | x | COSHH Materials | x | Creating Heat/Sparks | x | Slips/Trips and Falls | x | Fire/Explosion | x |
| Rats / Vermin / Pigeons | | Works in occupied/public areas | x | Natural Gas | | Restricted Access/Egress | x | Produce Hazardous Waste | |
| Fuels/Oils | | Others(s): | | | | | | | |
| 3. CONTROL MEASURES IMPLEMENTED (Tick) | | | | | | | | | |
| Remember Hierarchy of control 1. Eliminate the Hazard 2. Separate Persons from the Hazard 3. Change the work methods 4. Use Personnel Protective Equipment | | | | | | | | | |
| Competent Operatives | x | Storage of Materials | x | First Aid Provision | x | COSHH Assessment | x | Spill Kit(s) | |
| PPE (Identified in RA) | x | Respiratory PE | | | | | | | |
| Liaison with Third parties | x | Isolation of Electrics / Gas / Water | | Safety barriers, fence, isolate/enclose restrict access/flying debris | x | Signage (Safety / Information) | x | | |
| Out of hours working | x | Supervision | x | | | | | Disposal of waste(s) | |
| Continue in section 4. | | | | | | | | | |

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| PPE REQUIREMENTS (Tick) | | | |
|-------------------------|---|-------------------|---|
| Safety Boots | x | Coveralls | x |
| Safety Glasses | x | High Vis Clothing | x |
| Gloves | x | Other (Identify) | |
| Hearing Protection | x | | |
| PP3 Dust Mask | x | | |

| Likelihood of Accident (L) | | Severity of Accident (S) | | Risk Rating (L x S) = RR | |
|----------------------------|---|--------------------------|---|--------------------------|---------|
| Very Unlikely | 1 | First Aid Injury | 1 | LOW | 1 - 5 |
| Unlikely | 2 | Minor Injury | 2 | MEDIUM | 6 - 15 |
| Likely | 3 | 3 Day + Injury | 3 | HIGH | 16 - 25 |
| Very Likely | 4 | Major Injury | 4 | | |
| Certain | 5 | Fatality / Disability | 5 | | |

| Hazard | Consequences | Persons Affected | Before Controls | | | Existing Control Measures | Residual Risk | | | Additional Control Measures (where appropriate) |
|-------------------|-------------------------------|------------------|-----------------|---|----|--|---------------|---|----|---|
| | | | L | S | RR | | L | S | RR | |
| Fall from Height | Potential fatal | All | 3 | 5 | 15 | Scaffold wherever possible to be used | 2 | 2 | 4 | Harness to be worn, double lanyard system |
| Fall of materials | Injury to workers and public | All | 3 | 5 | 15 | Correct scaffold boards. Good working practices | 2 | 2 | 4 | Barrier surrounding area. Mesh scaffold. |
| Noise | Irritant, dangerous long term | All | 3 | 2 | 6 | Hearing protection when using power tools as necessary | 1 | 1 | 2 | |
| Ladders | Potential Fall | Workers | 2 | 4 | 8 | Inspect before every use for defects. Use only for correct purpose | 1 | 1 | 2 | Use scaffold wherever possible |
| Manual Handling | Potential injury | Workers | 2 | 3 | 6 | Implement correct manual handling techniques | 1 | 1 | 2 | |

| Hazard | Consequences | Persons Affected | Before Controls | | | Existing Control Measures | Residual Risk | | | Additional Control Measures (where appropriate) |
|--------------------------|-----------------------------|------------------|-----------------|---|----|---|---------------|---|---|---|
| | | | L | S | R | | L | S | R | |
| Power and hand tools | Electric shock, Hand injury | workers | 2 | 4 | 8 | 110v power tools only. Correct tools for purpose. Good site awareness | 1 | 1 | 2 | Regular inspection of all tools |
| Electricity | Potential fatal | All | 2 | 5 | 10 | Ensure trade qualified before working on electricity. | 1 | 4 | 4 | |
| Gas/ fire/ explosion | Potential fatal | All | 2 | 5 | 10 | Ensure trade qualified before working on Gas appliances | 1 | 4 | 4 | |
| Slips, trips and Falls | Broken limbs, abrasions | All | 2 | 3 | 6 | Good housekeeping practices always | 1 | 1 | 2 | Regular site cleaning and safe storage of waste, cordon area if necessary |
| Restricted Access/Egress | Abrasions, cuts | Worker | 1 | 3 | 6 | Awareness of surroundings | 1 | 1 | 2 | Safety helmet with chinstrap if necessary |

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|-------------------------|------------------|------------------|-----------------|---|---|--|---------------|---|---|---|
| | | | L | S | R | | L | S | R | |
| Works in occupied areas | Danger to others | All | 2 | 2 | 4 | Good communication with other trades/ people | 1 | 1 | 2 | Cordon areas if necessary |
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