

Risk Assessment

Rewiring of installation	Electrical Fitting	Halesworth Close RM3		Date	08/02/20
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RISK ASSESSMENT INFORMATION

Assessors Name	Assessors Signature	Persons Affected By This Risk Assessment
Perparim Shehu		All Persons

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Mains circuit electricity Burns Death risk of fire	Site Foreman to ensure isolation of ring main supply before allowing work to commence. The main supply box will be locked off and the key held with the foreman, a sign will be place on the supply box stating DANGER men working The foreman shall ensure that all installations are checked and that all staff are clear prior to allowing re-energising of the system			

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Lighting circuit electricity Burns Death risk of fire	Site foreman to ensure lighting circuits are isolated and made safe before commencement of works, lock off procedures must be carried out as above Where temporary lighting/power is required the site foreman must ensure a safe supply	1	5	5

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Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Cable cutting and disconnection	Only trained electricians are allowed to work on cabling	1	5	5

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Injury from slips trips and falls.	All staff will keep the working area tidy and remove trip hazards as and when they occur. All staff will wear suitable footwear at all times	1	5	5

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Injury from incorrect manual handling	<p>It is vitally important that potentially hazardous areas are signposted, barricaded and, where appropriate, covered to avoid possible injury to workers and members of the public.</p> <p>Anyone who may be affected by the works to be informed of site work, especially tenants and other contractors.</p> <p>Site to be secured to prevent un-authorised access. Foreman is to ensure no one access site without permit, or permission</p> <p>Staff will cordon off work area and ensure tenants do not enter area of danger</p> <p>Hand tools and power tools will not be left unattended</p> <p>The site will be made safe at the end of each shift</p>	1	3	3

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Staff will follow the method statement
devised for this task

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
<p>Injury from power tool hazards and machine hazards</p> <p>Electrocution, cutting, Penetrating and stabbing Wounds from the tool bits</p> <p>Entanglement from contact With tool bit</p> <p>Lacerations penetrating eye damage</p>	<p>All power tools and machinery must comply with Provision and Use of Work Equipment Regulations 1998.</p> <p>All employees and contractors must have received instruction in the safe use and operation of the equipment they are proposing to use</p> <p>Eye protection must be worn at all times when there is a risk of flying parts, dust or fragments</p> <p>All power tools and machinery must be regularly inspected and maintained in good condition</p> <p>Only trained and experienced operatives are allowed to use Power tools, inexperienced or young workers are kept under strict supervision whilst using power tools.</p> <p>Tools and cables are visually inspected before use</p>	1	5	5

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Damaged tools are withdrawn from service until repaired

Either battery powered or 110 volts tools are used where possible

Company power tools are PAT tested on an annual basis

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Falls from stepladders leading to death, major injury	<p>Company ladders inspected on a regular basis and defects reported, damaged ladders removed from site and replaced.</p> <p>All staff are experienced, trained and competent to carry out ladder work</p> <p>Young/inexperienced staff are trained and closely supervised during ladder work.</p> <p>Ladders are footed and tied during use, other stabilising devices will be used where the competent person deems necessary</p> <p>Ladders will not be used where an onsite risk assessment has determined that the residual risk with all controls in place is still too high.</p> <p>The competent person is responsible for organising other safer means of access to height</p>	1	5	5

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Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)
Illness from exposure from Asbestos	<p>A type 1 asbestos survey must be carried out to determine the location and condition of any asbestos-containing materials prior to starting work.</p> <p>All staff have received asbestos awareness training and have been instructed to stop work and report any suspicious materials</p>	1	5	5

Hazard / Consequences	Control Procedures	Likelihood (a)	Severity (b)	Risk Ranking (= a x b)

	Likelihood		Severity		Priority
1	Highly Unlikely	1	Trivial	1	Urgent action – (Risk no 15 – 25)
2	Unlikely	2	Minor Injury	2	High Priority – (Risk no 10 – 12)
3	Possible	3	Over 3 day Injury	3	Medium Priority – (Risk no 5 – 9)
4	Probable	4	Major Injury	4	Low Priority – Risk no (2 – 4)
5	Certain	5	Incapacity or Death	5	Very Low Priority– No Action required (Risk no 1)

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Further Information