

Langton House Hotel	Risk Assessment	Version 1.4	Page 1 of 10
Risk Assessment	Electricity	Created	24/8/2022
Workplace Sector	Kitchen	Reviewed	24/8/2024
Hazards	Electricity, Fire, Electric Shock	Next Annual Review	24/8/2025
Risk Assessment carried out in consultation with Eddie Langton & Langton Staff			

Hazards associated with electricity may arise because of contact with live parts of the supply or as a result of fire caused by the installation or appliance.
We will consider the following risk factors and hazards and identify all persons who may be at risk.

What are the hazards?	Who might be harmed and how?	What are you already doing to control the risks?	What further action do you need to take to control the risks?	Who needs to carry out the action?	When is the action needed by?	Action Completed
Untested Installations or extensions	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • All new electrical installations and all extensions are tested and certified as safe, by a competent qualified electrician 				

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Faulty Installations	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • <i>Burns</i> • <i>Scalds</i> • <i>Smoke Inhalation</i> • <i>Serious injury</i> • <i>Death</i> • <i>Damage to Property and Equipment</i> 	<ul style="list-style-type: none"> • Electrical installations are checked regularly by a competent qualified electrician 				
Maintenance and Inspection by unqualified personnel:	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • <i>Burns</i> • <i>Scalds</i> • <i>Smoke Inhalation</i> • <i>Serious injury</i> • <i>Death</i> • <i>Damage to Property and Equipment</i> 	<ul style="list-style-type: none"> • Testing, certifying and repairs are carried out in accordance with appropriate NSAI (National Standards Authority of Ireland) standards 				

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Contact with live electrical components of equipment:	Staff. Risk of Fire, and/or Electric Shock resulting in: <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Enclosures / covers are in place to prevent contact with live electrical equipment / parts 				
Damaged extension cables	Staff. Risk of Fire, and/or Electric Shock resulting in: <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Extension leads inspected prior to use • Damaged extension leads are repaired or removed from use 				

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Staff unaware of emergency cut off points/procedures:	<p>Staff, Visitors, Customers Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Means of cutting off power to electrical installations and equipment in place • Employees are trained how to cut off power and aware of cut-off switch locations 				
Electrical Fires	<p>Staff, Visitors, Customers Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Fire extinguishers that are suitable for fighting electrical fires are provided and training facilitated for all members of staff 				

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Electric Fault on sockets/outlets:	Staff, Visitors, Customers Risk of Fire, and/or Electric Shock resulting in: <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • All circuits supplying socket outlets are protected by an RCD (Residual Current Device) 				
Faulty RCD, inadequate testing schedule of RCD's	Staff, Visitors, Customers Risk of Fire, and/or Electric Shock resulting in: <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Operation of the RCD is tested regularly in accordance with the manufacturer's instructions • A test button is provided to trip out the RCD. 				

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<p>Electricity & Water:</p> <p>Wet floors, wet food preparation surfaces.</p> <p>Using a cloth for cleaning that is dripping wet near sources of electricity.</p> <p>Dishwashing equipment</p>	<p>Staff.</p> <p>Risk of Electric Shock resulting in:</p> <ul style="list-style-type: none"> • Burns • Electrical burns • Serious injury • Death 	<ul style="list-style-type: none"> • Clean up spills immediately • Use damp cloths, not dripping wet when cleaning, on • Or around electrical equipment • Always have dry hands when handling cords or plugs • 				
<p>Unsuitable environmental conditions for equipment/fittings</p>	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • Burns • Scalds • Smoke Inhalation • Serious injury • Death • Damage to Property and Equipment 	<ul style="list-style-type: none"> • Ensure electrical fittings and equipment are suitable for the work environment • Suitable IP-rated for protection against water or dust EX rated • Refer to NSAI Standards 				

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Portable appliance wear and tear	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • <i>Burns</i> • <i>Scalds</i> • <i>Smoke Inhalation</i> • <i>Serious injury</i> • <i>Death</i> • <i>Damage to Property and Equipment</i> 	<ul style="list-style-type: none"> • Where electrical portable appliances are subject to on-going wear and tear, they are inspected and tested regularly. 				
<p>Overheated Cable Reels:</p> <p>Heat can build up in coiled cables causing them to melt</p>	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • <i>Burns</i> • <i>Scalds</i> • <i>Smoke Inhalation</i> • <i>Serious injury</i> • <i>Death</i> • <i>Damage to Property and equipment</i> 	<ul style="list-style-type: none"> • Electrical cable reels are uncoiled during prolonged use and when using high-power items • Electrical cable reels should only be connected to small electrical loads when coiled up 				

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<p>Faulty Appliance or socket outlet with evidence of scorch marks</p>	<p>Staff, Visitors, Customers</p> <p>Risk of Fire, and/or Electric Shock resulting in:</p> <ul style="list-style-type: none"> • <i>Burns</i> • <i>Scalds</i> • <i>Smoke Inhalation</i> • <i>Serious injury</i> • <i>Death</i> • <i>Damage to Property and equipment</i> 	<ul style="list-style-type: none"> • Any scorch marks associated with an electrical appliance or electrical wiring is checked urgently by a competent person, • Train staff to identify and report any faults in electrical equipment 				

Further Control Measures

Information, Instruction & Training	Managerial Controls
<ul style="list-style-type: none"> • Fire Safety Awareness Training • Instruction on hazard spotting and reporting • Instruction in electrical equipment inspection • Instruction on correct use and SOP of electrical equipment 	<ul style="list-style-type: none"> • All new electrical installations are tested and certified as safe, by a competent qualified electrician. • Only qualified electricians can carry out electrical work in accordance with National Rules for Electrical Installations • Testing schedules in line with HSA regulations and manufacturers guidelines
Physical Controls	Procedural Controls
<ul style="list-style-type: none"> • Guards in place and kept in place • RCD's fitted • Electrical cable reels are uncoiled during prolonged use and when using high-power items • Extinguishers suitable for fighting electrical fires are provided 	<ul style="list-style-type: none"> • Portable appliances are inspected daily prior to use • PAT testing to be introduced on all portable appliances • Damaged extension leads are repaired or removed from use
HSA and other guidance	Testing Schedules
<ul style="list-style-type: none"> • National Rules for Electrical Installations • SHWW Act 2005 • SHWW General Applications Regulations 2007, Part 3 • Guidance-Note on Periodic Inspection and Testing of Electrical Installations required by the 2007 Safety Health and Welfare at Work (General Application) Regulations 	<p>The time between periodic inspection and testing of installations should be based on parameters such as:</p> <ul style="list-style-type: none"> • Age of the installation • Quality of the installation • Environmental circumstances • Guidance of the manufacturer • Frequency of use • Possibility of damage to the equipment

Action List

Hazard	Control Required	Assigned to (name):	Action By (date):	Completed	Date Completed