

RISK ASSESSMENT

Microwaves & Combi Microwaves

Document Reference

PTS.RA.C10

Activity	Hazards	Risks	UNCONTROLLED Risk Levels	Description of controls	CONTROLLED Risk Levels																																																																				
Diagnosis or Repair of faults and undertaking of routine PPM Servicing on electrically Controlled Catering equipment employing Microwave technology.	Electricity Microwave Energy High Voltages Hot Surfaces Injury from Sharp Edges Working environment Heavy Objects	Death by Electrocution, Internal or External Burns Internal or external Microwave Burns and Tissue Damage Death by Electrocution, Internal or External Burns Burns Cuts & Abrasions Slips & Trips Manual Handling Injuries	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> LIKELIHOOD <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Most Likely</td><td>5</td><td>✓</td></tr> <tr><td>Likely</td><td>4</td><td></td></tr> <tr><td>Possible</td><td>3</td><td></td></tr> <tr><td>Unlikely</td><td>2</td><td></td></tr> <tr><td>Very Unlikely</td><td>1</td><td></td></tr> </table> </div> <div style="text-align: center;"> SEVERITY <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Extreme</td><td>5</td><td></td></tr> <tr><td>Major</td><td>4</td><td>✓</td></tr> <tr><td>Moderate</td><td>3</td><td></td></tr> <tr><td>Minor</td><td>2</td><td></td></tr> <tr><td>Negligible</td><td>1</td><td></td></tr> </table> </div> <div style="text-align: center; margin-top: 20px;"> <small>Risk Score deduced by multiplying Likelihood by Consequence</small> <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Risk Score</td><td>20</td></tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>Less than or equal to 5</small> <small>Between 6 and 12</small> <small>Above 12</small> </div> <div style="text-align: center;"> <small>LOW</small> <small>MEDIUM</small> <small>HIGH</small> </div> </div> </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>UNCONTROLLED Risk Level</td><td>HIGH</td></tr> </table> </div> </div>	Most Likely	5	✓	Likely	4		Possible	3		Unlikely	2		Very Unlikely	1		Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1		Risk Score	20	UNCONTROLLED Risk Level	HIGH	<ul style="list-style-type: none"> Only competent engineers with relevant training and experience and qualifications to undertake works. Electrical supply to equipment to be isolated prior to any invasive works whatsoever being undertaken as per PTS.RA.SRE - Repairs to Electrical Equipment. Engineer to check and record microwave emissions before works commence. Equipment not to be worked on until its temperature is deemed sufficiently low (<30°) to minimise risk of Burns. Engineer to discharge High Voltage Capacitors prior to any invasive works PPE equipment must be used as per the section PPE REQUIREMENTS below and PTS.RA.S40 Safety - PPE Engineer to check and record microwave emissions after works are completed. 	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> LIKELIHOOD <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Most Likely</td><td>5</td><td></td></tr> <tr><td>Likely</td><td>4</td><td></td></tr> <tr><td>Possible</td><td>3</td><td></td></tr> <tr><td>Unlikely</td><td>2</td><td></td></tr> <tr><td>Very Unlikely</td><td>1</td><td>✓</td></tr> </table> </div> <div style="text-align: center;"> SEVERITY <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Extreme</td><td>5</td><td></td></tr> <tr><td>Major</td><td>4</td><td>✓</td></tr> <tr><td>Moderate</td><td>3</td><td></td></tr> <tr><td>Minor</td><td>2</td><td></td></tr> <tr><td>Negligible</td><td>1</td><td></td></tr> </table> </div> <div style="text-align: center; margin-top: 20px;"> <small>Risk Score deduced by multiplying Likelihood by Consequence</small> <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>Risk Score</td><td>4</td></tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>Less than or equal to 5</small> <small>Between 6 and 12</small> <small>Above 12</small> </div> <div style="text-align: center;"> <small>LOW</small> <small>MEDIUM</small> <small>HIGH</small> </div> </div> </div> <div style="text-align: center; margin-top: 20px;"> <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>CONTROLLED Risk Level</td><td>LOW</td></tr> </table> </div> </div>	Most Likely	5		Likely	4		Possible	3		Unlikely	2		Very Unlikely	1	✓	Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1		Risk Score	4	CONTROLLED Risk Level	LOW
Most Likely	5	✓																																																																							
Likely	4																																																																								
Possible	3																																																																								
Unlikely	2																																																																								
Very Unlikely	1																																																																								
Extreme	5																																																																								
Major	4	✓																																																																							
Moderate	3																																																																								
Minor	2																																																																								
Negligible	1																																																																								
Risk Score	20																																																																								
UNCONTROLLED Risk Level	HIGH																																																																								
Most Likely	5																																																																								
Likely	4																																																																								
Possible	3																																																																								
Unlikely	2																																																																								
Very Unlikely	1	✓																																																																							
Extreme	5																																																																								
Major	4	✓																																																																							
Moderate	3																																																																								
Minor	2																																																																								
Negligible	1																																																																								
Risk Score	4																																																																								
CONTROLLED Risk Level	LOW																																																																								
<div style="border: 1px solid black; padding: 10px; text-align: center;">  <p>WARNING HIGH VOLTAGE</p> <p>Please note the mains voltage supply must be disconnected before any repair is undertaken. Each high voltage capacitor must be safely discharged before the installation of any internal component.</p> </div>			AFFECTED INDIVIDUALS <table border="1" style="width: 100px; border-collapse: collapse;"> <tr><td>PTS Personnel</td><td>✓</td></tr> <tr><td>Maintenance Personnel</td><td>✓</td></tr> <tr><td>Catering Staff</td><td>✓</td></tr> <tr><td>Customers</td><td>✓</td></tr> <tr><td>Visitors</td><td></td></tr> <tr><td>Delivery Personnel</td><td></td></tr> <tr><td>Others (specify)</td><td></td></tr> </table> PPE REQUIREMENTS as per PTS.RA.S40 <p>Safety Boots EN 20345, S3 WR SRA Protective Work Wear Clothing Cut Proof Lvl 3 Safety Gloves (EN388)</p>	PTS Personnel	✓	Maintenance Personnel	✓	Catering Staff	✓	Customers	✓	Visitors		Delivery Personnel		Others (specify)		Additional Measures PTS.RA.S01 - Safety - Working on Customer Sites PTS.RA.S10 - Safety - Electrical PTS.RA.S70 - Safety - Manual Handling	Document Reference PTS.RA.C10 Issue Status v 10.0 Issue Date 1st Sept 2025 Issued by Chris Taylor Review Date 31st August 2027 Issuers Signature 																																																						
PTS Personnel	✓																																																																								
Maintenance Personnel	✓																																																																								
Catering Staff	✓																																																																								
Customers	✓																																																																								
Visitors																																																																									
Delivery Personnel																																																																									
Others (specify)																																																																									
NB: This document and any amendments must be retained for a minimum of 5 years. <small>In the event of an incident involving an individual aged 18 years or less this documentation must be retained until the individual reaches 21 years of age, this requirement overrides the minimum 5 year rule.</small>																																																																									