




# RISK ASSESSMENT

## Mixers

Document Reference

**PTS.RA.P02**

Operation	Hazards	Risks	UNCONTROLLED Risk Levels	Description of controls	CONTROLLED Risk Levels																														
Diagnosis or Repair of faults and undertaking of routine PPM Servicing of electrically controlled food mixing equipment including Counter Top and Floor Standing Planetary Mixers	Electricity	Death by Electrocution, Internal or External Burns	<b>LIKELIHOOD</b> <table border="1"> <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>	Most Likely	5		Likely	4	✓	Possible	3		Unlikely	2		Very Unlikely	1		<ul style="list-style-type: none"> <li>Only competent engineers with relevant training and experience and qualifications to undertake works.</li> <li>Electrical supply to equipment to be isolated prior to any invasive works whatsoever being undertaken as per <b>PTS.RA.SRE - Repairs to Electrical Equipment</b>.</li> <li>PPE equipment must be used as per the section <b>PPE REQUIREMENTS</b> below and <b>PTS.RA.S40 Safety - PPE</b></li> <li>Engineer to ensure that the contents of any blending bowl or receptacle attached to the equipment are safely disposed of prior to any works being undertaken.</li> <li>No works to be carried out on or near any moving component while those components are in motion particularly Belts, Shafts, Gears &amp; Motors as per <b>PTS.RA.SRM - Repairs to Mechanical Equipment</b>.</li> </ul>	<b>LIKELIHOOD</b> <table border="1"> <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>	Most Likely	5		Likely	4		Possible	3		Unlikely	2		Very Unlikely	1	✓
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Moving Parts	Loss of Limbs or Fingers, Broken or Fractured Bones, Cuts & Abrasions.	<b>SEVERITY</b> <table border="1"> <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>	Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1		<b>SEVERITY</b> <table border="1"> <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>	Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1			
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Entrapment	Loss of Limbs or Fingers, Crush injuries, Broken or Fractured Bones, Cuts, Abrasions or Bruising																																		
Injury from Sharp Edges	Cuts & Abrasions																																		
Heavy Components	Manual Handling Injuries																																		
Working environment	Slips & Trips																																		
Lubricating Grease	Skin Disorders																																		
<div> <div>Risk Score deduced by multiplying Likelihood by Consequence</div> <table border="1"> <tr> <td>Risk Score</td> <td>16</td> </tr> </table> <div> <div>Less than or equal to 5</div> <div>Between 6 and 12</div> <div>Above 12</div> </div> <div> <div>LOW</div> <div>MEDIUM</div> <div>HIGH</div> </div> </div> <div> <table border="1"> <tr> <td>UNCONTROLLED Risk Level</td> <td>HIGH</td> </tr> </table> </div>			Risk Score	16	UNCONTROLLED Risk Level	HIGH	<div> <div>Risk Score deduced by multiplying Likelihood by Consequence</div> <table border="1"> <tr> <td>Risk Score</td> <td>4</td> </tr> </table> <div> <div>Less than or equal to 5</div> <div>Between 6 and 12</div> <div>Above 12</div> </div> <div> <div>LOW</div> <div>MEDIUM</div> <div>HIGH</div> </div> </div> <div> <table border="1"> <tr> <td>CONTROLLED Risk Level</td> <td>LOW</td> </tr> </table> </div>		Risk Score	4	CONTROLLED Risk Level	LOW																							
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<b>PPE REQUIREMENTS as per PTS.RA.S40</b> Safety Boots EN 20345, S3 WR SRA Protective Work Wear Clothing Cut Proof Lvl 3 Safety Gloves (EN388)			<table border="1"> <tr> <td><b>Document Reference</b></td> <td>PTS.RA.P02</td> </tr> <tr> <td><b>Issue Status</b></td> <td>v 10.0</td> </tr> <tr> <td><b>Issue Date</b></td> <td>1st Sept 2025</td> </tr> <tr> <td><b>Issued by</b></td> <td>Chris Taylor</td> </tr> <tr> <td><b>Review Date</b></td> <td>31st August 2027</td> </tr> <tr> <td><b>Issuers Signature</b></td> <td></td> </tr> </table>		<b>Document Reference</b>	PTS.RA.P02	<b>Issue Status</b>	v 10.0	<b>Issue Date</b>	1st Sept 2025	<b>Issued by</b>	Chris Taylor	<b>Review Date</b>	31st August 2027	<b>Issuers Signature</b>																				
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<b>NB: This document and any amendments must be retained for a minimum of 5 years.</b> 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.																																			