



# 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	LIKELIHOOD		<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>	LIKELIHOOD			
		Loss of Limbs or Fingers, Broken or Fractured Bones, Cuts & Abrasions.	Most Likely	5		Most Likely	5		
		Loss of Limbs or Fingers, Crush injuries, Broken or Fractured Bones, Cuts, Abrasions or Bruising	Likely	4	✓	Likely	4		
	Entrapment	Loss of Limbs or Fingers, Cuts & Abrasions	Possible	3		Possible	3		
		Cuts & Abrasions	Unlikely	2		Unlikely	2		
		Manual Handling Injuries	Very Unlikely	1		Very Unlikely	1		
		Slips & Trips	SEVERITY			SEVERITY			
		Skin Disorders	Extreme	5		Extreme	5		
			Major	4	✓	Major	4		
			Moderate	3		Moderate	3		
	Injury from Sharp Edges		Minor	2		Minor	2		
			Negligible	1		Negligible	1		
			Risk Score deduced by multiplying Likelihood by Consequence			Risk Score deduced by multiplying Likelihood by Consequence			
	Heavy Components		Risk Score		16	Risk Score			
			Less than or equal to 5		LOW	Less than or equal to 5			
			Between 6 and 12		MEDIUM	Between 6 and 12			
			Above 12		HIGH	Above 12			
			UNCONTROLLED Risk Level		HIGH	CONTROLLED Risk Level			
Working environment	AFFECTED INDIVIDUALS		Additional Measures						
	PTS Personnel		PTS.RA.S01 - Safety - Working on Customer Sites						
	Maintenance Personnel		PTS.RA.S10 - Safety - Electrical						
	Catering Staff		PTS.RA.S70 - Safety - Manual Handling						
	Customers		PTS.RA.S63 - COSHH - Grease						
	Visitors		PTS.RA.SRM - Repairs to Mechanical Equipment						
	Delivery Personnel								
	Others (specify)								
Lubricating Grease	PPE REQUIREMENTS as per PTS.RA.S40		Document Reference		PTS.RA.P02				
			Issue Status		v 10.0				
			Issue Date		1st Sept 2025				
			Issued by		Chris Taylor				
			Review Date		31st August 2027				
			Issuers Signature						
			NB: This document and any amendments must be retained for a minimum of 5 years.						
			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.						