

# RISK ASSESSMENT

## Waste Disposal Units

Document Reference

**PTS.RA.W02**

Operation	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 Waste Disposal equipment	Electricity  Rotating Cutters  Entrapment  Injury from Sharp Edges  Working environment  Moving heavy objects	Death by Electrocution, Internal or External Burns  Loss of Limb or Fingers  Loss of Limb, Crush Injury, Broken Bones, Cuts & Abrasions.  Cuts & Abrasions  Slips & Trips  Manual Handling Injuries	<table border="1"> <thead> <tr> <th colspan="3">LIKELIHOOD</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">SEVERITY</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Risk Score deduced by multiplying Likelihood by Consequence</th> </tr> </thead> <tbody> <tr> <td>Risk Score</td><td>16</td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Less than or equal to 5</th> <th>LOW</th> </tr> </thead> <tbody> <tr> <td>Between 6 and 12</td> <td>MEDIUM</td> </tr> <tr> <td>Above 12</td> <td>HIGH</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>UNCONTROLLED Risk Level</th> <th>HIGH</th> </tr> </thead> </table>	LIKELIHOOD			Most Likely	5		Likely	4	✓	Possible	3		Unlikely	2		Very Unlikely	1		SEVERITY			Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1		Risk Score deduced by multiplying Likelihood by Consequence			Risk Score	16		Less than or equal to 5	LOW	Between 6 and 12	MEDIUM	Above 12	HIGH	UNCONTROLLED Risk Level	HIGH	<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>Water supply to be isolated unless test cycles are being operated as per <b>PTS.RA.S12 Safety - Water</b></li> <li>Appropriate PPE equipment must be used particularly Mechanical Risk Gloves as per <b>PTS.RA.S40 - Safety - PPE</b></li> <li>No works to be carried out on or near any moving component while those components are in motion as per <b>PTS.RA.SRM - Repairs to Mechanical Equipment</b>.</li> <li>Engineers to provide or seek assistance or use mechanical means to move particularly heavy Waste Disposal Units and use Manual handling techniques as per <b>PTS.RA.S70 Safety - Manual Handling</b></li> </ul>	<table border="1"> <thead> <tr> <th colspan="3">LIKELIHOOD</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">SEVERITY</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Risk Score deduced by multiplying Likelihood by Consequence</th> </tr> </thead> <tbody> <tr> <td>Risk Score</td><td>4</td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Less than or equal to 5</th> <th>LOW</th> </tr> </thead> <tbody> <tr> <td>Between 6 and 12</td> <td>MEDIUM</td> </tr> <tr> <td>Above 12</td> <td>HIGH</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>CONTROLLED Risk Level</th> <th>LOW</th> </tr> </thead> </table>	LIKELIHOOD			Most Likely	5		Likely	4		Possible	3		Unlikely	2		Very Unlikely	1	✓	SEVERITY			Extreme	5		Major	4	✓	Moderate	3		Minor	2		Negligible	1		Risk Score deduced by multiplying Likelihood by Consequence			Risk Score	4		Less than or equal to 5	LOW	Between 6 and 12	MEDIUM	Above 12	HIGH	CONTROLLED Risk Level	LOW
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