




RISK ASSESSMENT

Boiling Pans & Tilting Kettles

Document Reference

PTS.RA.C01

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 Gas Fired or Electrically Heated Boiling Pans or Tilting Kettles.	Electricity	Death by Electrocution	LIKELIHOOD <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"> Only competent engineers with relevant training and experience and qualifications to undertake works. 	LIKELIHOOD <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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	Hot Surfaces & Pipework	Burns		<ul style="list-style-type: none"> Electrical supply to equipment to be isolated prior to any invasive works whatsoever being undertaken as per PTS.RA.SRE - Repairs to Electrical Equipment. 																															
	Steam & Boiling Water	Scalding & Burns		<ul style="list-style-type: none"> Gas supply to equipment (if applicable) to be isolated prior to any invasive works whatsoever being undertaken, Gas Supply to be Locked Off and appropriate Signage Displayed. 																															
	Entrapment	Loss of Limb, Crush Injury, Broken Bones, Cuts & Abrasions.		<ul style="list-style-type: none"> Equipment not to be worked on until its temperature is deemed sufficiently low (<30°) as per PTS.RA.S13 - Safety - Steam 																															
	Injury from Sharp Edges	Cuts & Abrasions	SEVERITY <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		<ul style="list-style-type: none"> Water Jacket to be depressurised prior to working on Steam Valves as per PTS.RA.S13 - Safety - Steam & PTS.RA.S12 - Safety - Water 	SEVERITY <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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	Working environment	Slips & Trips		<ul style="list-style-type: none"> Special attention is to be paid to calibration of thermostats and controls to avoid pressure build up and possible explosion as per PTS.RA.S13 - Safety - Steam 																															
	Moving heavy objects	Manual Handling Injuries		<ul style="list-style-type: none"> PPE equipment must be used as per the section PPE REQUIREMENTS below and PTS.RA.S40 Safety - PPE 																															
	Acid Descaler	Internal or Skin, Tissue Chemical Burns or Eye damage.	Risk Score deduced by multiplying Likelihood by Consequence <table border="1"> <tr><td>Risk Score</td><td>25</td></tr> </table> Less than or equal to 5 LOW Between 6 and 12 MEDIUM Above 12 HIGH	Risk Score	25	Risk Score deduced by multiplying Likelihood by Consequence <table border="1"> <tr><td>Risk Score</td><td>5</td></tr> </table> Less than or equal to 5 LOW Between 6 and 12 MEDIUM Above 12 HIGH	Risk Score	5																											
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	<u>GAS FIRED ONLY</u>			<ul style="list-style-type: none"> No works to be carried out on or near any moving component while those components are in motion, particularly the Tilting Mechanism and Trunnions as per PTS.RA.SRM - Repairs to Mechanical Equipment. 																															
	Explosion	Death or Major Injury		Additional Measures PTS.RA.S01 - Safety - Working on Customer Sites PTS.RA.S10 - Safety - Electrical PTS.RA.S11 - Safety - Gas PTS.RA.S60 - Safety - COSHH Acid Descaler (if applicable) PTS.RA.S70 - Safety - Manual Handling																															
	Flames	Burns																																	
			AFFECTED INDIVIDUALS <table border="1"> <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>	PTS Personnel	✓	Maintenance Personnel	✓	Catering Staff	✓	Customers		Visitors		Delivery Personnel		Others (specify)																			
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			PPE REQUIREMENTS as per PTS.RA.S40 Safety Boots EN 20345, S3 WR SRA Protective Work Wear Clothing Cut Proof Lvl 3 Safety Gloves (EN388) Descaling: Face Mask FFP3 (EN149) Acid Proof Safety Gloves (EN374-3:2003) Safety Eye Glasses (EN166 1.B.3.4)																																
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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.																																			