









Safe Work Instruction	
Electric Furnace	Issue date: 17 August 2010

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Example content:

Document no.	Scope: This instruction applied to the safe general use of an Electric furnace. Used for heat treatment.		
Review date	References : <ul style="list-style-type: none"> • AS4024.1 Safety of Machinery; • OHS Act (refer State / Territory) • OHS Regulation (refer State / Territory) 		
Responsible supervisor	PPE and precautions	Competencies or qualifications	Licences or permits required
<i>Insert name in BLOCK letters</i>	<p>Do not wear anything loose that could catch in the moving</p> <p>Wear all required PPE such as</p> <input type="checkbox"/> Safety glasses <input type="checkbox"/> Thermal gloves <input type="checkbox"/> . <input type="checkbox"/> . <input type="checkbox"/> . <input type="checkbox"/> . <input type="checkbox"/> . <input type="checkbox"/> .	Only operators who have been.	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p> Safety glasses must be worn at all times in work areas.</p> <p> Sturdy footwear must be worn at all times in work areas.</p> <p> Rings and jewellery must not be worn.</p> <p> Face shield must be worn.</p> </div> <div style="width: 45%;"> <p> Long and loose hair must be contained.</p> <p> Aluminized heat retardant jacket must be worn.</p> <p> Thermal resistance gloves must be worn when using this equipment.</p> </div> </div>			
 Warning	Prior to the commencement of any work activity it is identified that the suggested risk control measures are not suitable or less than adequate and that major changes are required, a risk assessment is to be conducted and new controls nominated and implemented as per the risk management procedure.		
Pre Operational Safety Checks	<ul style="list-style-type: none"> • Make sure the furnace is properly grounded and no loose wires are connected to the furnace • Never heat any flammable or combustible liquid • Ensure no slip/trip hazards are present in workspaces and walkways 		
Safe Operational Use	<ul style="list-style-type: none"> • It is essential that you wear a face shield over your safety glasses, thermal resistance gloves, and the aluminized heat retardant jacket to ensure proper protection from radiant heat. • Make sure the sample is dry free of oil or any other organics • Make note that most materials will not glow below 600°C but at this temperature will cause severe burn • . • . • . • . • . • . 		