

Laboratory Risk Assessment

Procedure	Percentage carbonate content
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Level of Risk	medium
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Hazard	Risk	Recommended Control
Furnace at 925 ⁰ C	Burns to Face, hands and arms;	?? Switch furnace off and allow to cool to below 550 ⁰ C before opening the door. ?? Stand to one side of furnace door when opening ?? Wear Leather gloves provided ?? Use tongs to remove crucibles from furnace or to transfer to desiccator ?? Allow furnace to cool with door slightly open before removing crucibles ?? Ensure that sleeves of lab coat are rolled down and covering arms
Hot crucibles may shatter when in sudden contact with cold air/surfaces	Eye injury	?? Safety glasses must be worn. ?? Allow furnace to cool with door slightly open before removing crucibles
Slips, trips and falls	Personal injury	?? Ensure route from ovens to balance is clear from obstructions