



## Safe Work Procedure

<b>Process/Equipment:</b> Use of Speedi-vac		<b>Location :</b> 18.111A	
<b>Procedure Developed by :</b> Peter Hains		<b>Approved by :</b> William Price (HOD)	<b>Date :</b> 08/02/05
<b>Referenced UOW Guidelines, legislation, codes of practice, Australian Standards etc:</b>		OHS152.2 Guidelines for the development of safe work procedures. OHS114.2 Working with Hazardous Substances OHS048.2 Laboratory Safety Guidelines (Cryogenics) AS1894(1997) The storage and handling of non-flammable cryogenic and refrigerated liquids	
<b>Personal Protective Equipment Required</b> (Check the box for required PPE) :			
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Activity <i>(Steps in the process/task)</i>	Hazards Identified <i>(What could cause an injury)</i>	Risk Score <i>(How harmful is it)</i>	Controls <i>(What can be done to minimise the risk of injury)</i>
Use of high vacuum pump	Exhaust port must be open as pressure can build up and cause exhaust tube to blow off	Low	Ensure operating instructions are followed
Handling liquid nitrogen	Potential burn injury	Moderate	Always follow safe handling procedures for handling of liquid nitrogen
Handling of potentially hazardous solvents	Eye splash most likely	Low	Samples are always <2mL in volume, always wear PPE

