

Experimental Risk Assessment

Course Number and Title: _____ Experiment Title: _____

Assessment Prepared By: _____ Assessment Reviewed By: _____

Date Assessment Prepared: _____ Date Procedure Implemented: _____

Task/Activity/C hemical	Significant Hazard	Potential Consequence of Hazard	Initial Risk Level	Control Measures	Final Risk Level
Example: Using hydrofluoric acid	Causes severe burns with delayed tissue destruction. Rapidly absorbed through the skin. Causes tissue necrosis and bone destruction. Exposure may not be immediately visible or painful	Long-term scarring, hospital stay, could be fatal	High	If a substitute is available, this would be the first potential control measure. If not, other measures such as using HF in a fume hood only. Proper PPE (double gloves, chemical resistant lab coat, closed toed/heel shoes, long pants, face shield), proper signage, proper training, do no work alone or after hours; Have exposure kit with calcium gluconate.	Medium

Experimental Risk Assessment
