

# Laboratory Hazard Analysis Form

LABORATORY PROCEDURE:		DATE:	
DEPARTMENT	LABORATORY	ANALYSIS BY:	REVIEWED BY:
REQUIRED AND RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:		APPROVED BY PI/FACULTY/SUPERVISOR:	
SEQUENCE OF LABORATORY PROCEDURE	POTENTIAL LABORATORY ACCIDENTS OR HAZARDS	RECOMMENDED SAFE LABORATORY PROCEDURE	
<i>Beware of being too detailed; record only the information needed to describe each job action. Rule of thumb, no more than 10 steps/procedure being evaluated</i>	<i>Examples: Exposures to eyes and skin (splashes, particulates, fumes, lasers), respiratory exposure, ingestion, contact with sharps (broken glass, needles, syringes, sharp metal edges, etc.), explosions, uncontrolled energetic reactions, hazardous materials spill, burns, electric shock, slip, trip, or fall, overexertion, ergonomic (awkward postures, excessive force, vibration, repetitive motion), excessive noise.</i>	<b>Examples:</b> <b>Engineer out</b> New way to do procedure Change physical conditions Change the work procedures Adjust, modify, or replace work station components/tools Decrease task performance frequency	<b>Personal Protective Equipment (PPE)</b> Safety glasses, goggles, face shield Gloves Aprons, lab coats, Tyvek Protective foot wear Respiratory protection*
		<b>Training</b> Protocol specific (by PI) General lab safety or biosafety (EHS or department)	<b>Other</b> Improve laboratory housekeeping and hygiene Substitution of less hazardous materials Use alternative methods Use smaller quantities of hazardous materials


\*People who must wear respiratory protection as a part of their job must participate in the University's respiratory protection program. Please call Environmental Health and Safety at 885-6524 for more information.