



R.A.M.P ASSESSMENTS

February 2024



Prior to performing a new or unfamiliar experiment, perform a R.A.M.P. Analysis:

R: Recognize hazards. A hazard is any source of potential damage or harm to a person's health.

A: Assess risks. Risk is defined as the probability of harm or damage from a hazard. Assessing the risks of hazards means thinking about how you might be exposed to the hazard and what would be the probable results of that exposure, should it occur

M: Minimize and manage hazards. Minimizing the risks of hazards requires an evaluation of an entire experiment, as well as the review of the chemicals used and produced, equipment, procedures, PPE.

P: Prepare for emergencies. Know and practice the procedures for handling common emergencies. Discuss emergency procedures with students. Ensure that all safety equipment is present and in working order.