

Industrial Hygiene Plan

1. Introduction

Risk Management and Safety (RMS) prepared an *Industrial Hygiene Plan* that establishes priorities for industrial hygiene monitoring and is reviewed annually. Monitoring priorities are based on regulatory compliance, a need for quantitative hazard evaluation data, and the estimated risk of hazards (as determined by our *Preliminary Safety Audits*). RMS conducts *Preliminary Safety Audits* at each campus facility in order to identify recognizable safety and health hazards and take corrective actions. In addition to UNLV facilities (Maryland Campus, Shadow Lane, Paradise Campus, Sam Boyd Stadium), RMS also provides guidance and support to Nevada State College (NSC) as well.

2. RMS Goals and Objectives

Each year the Occupational Safety and Health (OSH) group develops goals and objectives for the upcoming year. The goals are determined in part by performing a top-to-bottom review of program elements, staff discussions, a review of employee concerns, findings from our *Preliminary Safety Audits*, and anticipated worker exposures. To establish goals, the following criteria are also considered:

- Compliance with regulatory agencies such as the Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), and the Clark County Department of Air Quality and Environmental Management.

3. Hazard Ranking

At the conclusion of our *Preliminary Safety Audits*, RMS will analyze and rank the findings in order to handle the more serious issues first. The following table is used to determine the severity and probability of each hazard. Severity means “what type of damage or injuries would result if the accident does occur?”

- *High* – death, permanent disability or chronic/irreversible illness.
- *Medium* – injuries or temporary, reversible illness resulting in hospitalization or temporary disability.
- *Low* – injuries or temporary, reversible illness requiring only minor supportive treatment.

Probability means “what is the likelihood that the accident will occur?”

- *Greater*

- *Lesser*

The following matrix will be used to evaluate and schedule industrial hygiene monitoring in 2009.

SEVERITY	PROBABILITY	GRAVITY
High	Greater	Greater
High	Lesser	Moderate
Medium	Greater	Moderate
Medium	Lesser	Moderate
Low	Greater	Moderate
Low	Lesser	Low

4. Priorities

Our priorities will be developed at the beginning of each year. This will be based, in part, on the results of our hazard rankings. Following monitoring, results will be forwarded to the appropriate department for review and action, as necessary.

5. Program List

The following written programs are accessible on the RMS website (rms.unlv.edu) and are individual elements of the RMS Industrial Hygiene Program.

- Asbestos Management
- Bloodborne Pathogens
- Cart Safety Program
- Confined Space Entry Program
- Fall Protection Program
- Hazard Communication Program
- Hearing Conservation Program
- Hot Work Permit System
- Lockout-Tagout Procedures
- OSHA Emergency Response Procedures
- Powered Industrial Trucks Policy and Procedures

- Respiratory Protection Program

In addition to the above referenced programs, RMS also uses a variety of specific on-line training courses to include:

- Respiratory Protection
- Back Safety
- Utility Cart Safety
- Confined Space Awareness
- Cylinder Safety
- Disaster Preparedness
- Emergency Procedures
- Fire Extinguisher
- Fire Prevention
- Hazard Communication
- Heat Stress
- Ladder Safety
- Personal Protective Equipment
- Power Tool Safety
- Slips, Trips, and Falls
- Storm Water
- Universal Waste