



UNIVERSITY OF WYOMING

Safety Office Standard Operating Procedure (SOP) Respiratory Protection Equipment Selection

I. Introduction

This SOP supports the University of Wyoming (UW) Respiratory Protection Program by providing specific information regarding respiratory protection equipment selection. For specific questions regarding this SOP, contact the Respiratory Protection Program Administrator at: 766-3203.

II. Scope

This SOP applies to the UW Respiratory Protection Program equipment selection process.

III. Procedure

The Program Administrator will determine the appropriate respiratory protection equipment based on information from the Respiratory Protection Hazard Assessment Form (Appendix B), guidance from 29 CFR 1910.134, and personnel input. Respiratory protection equipment is also selected based on assigned protection factors (APFs) and Maximum Use Concentrations (MUCs).

If the Program Administrator cannot identify or reasonably estimate personnel exposure, the atmosphere will be considered Immediately Dangerous to Life and Health (IDLH). For IDLH atmospheres, respiratory protection equipment must be a full-face piece, pressure demand, self-contained breathing apparatus (SCBA) certified by NIOSH for a minimum service life of thirty minutes; or a combination full face piece pressure demand supplied-air respirator (SAR) with auxiliary self-contained air supply. Respirators provided only for escape from IDLH atmospheres shall be NIOSH-certified for escape from the atmosphere in which they will be used.

Only National Institute for Occupational Safety and Health (NIOSH) certified respiratory protection equipment (respirators, filters, cartridges, etc.) will be utilized.

IV. References

UW Safety Office Respiratory Protection Program
Respiratory Protection Hazard Assessments SOP
29 CFR 1910.134