

RESPIRATORY PROTECTION PROGRAM



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SCOPE

29 C.F.R. 1910.134 of the Federal Standard and Part 145 of the Michigan Occupational Health Standards, “Respiratory Protection” requires that a written program shall be established whenever respirators are used in an occupational setting to protect the health of employees.

The primary objective is to control the breathing of air contaminated with harmful dusts, fogs, fumes, mists, gases, smoke, sprays, and vapors. This shall be accomplished as far as feasible by accepted engineering controls. These controls include local ventilation, and the use of NIOSH approved respirators.

This written program is designed by R.W. LaPine, Inc. to meet and exceed Federal and State requirements for “Respiratory Protection.”

RECORDS

This document shall be maintained by the Office Manager at R.W. LaPine, Inc..

GOVERNING POLICIES

Occupational Health & Safety Administration Standard 29 CFR 1910.134
Michigan Occupational Health & Safety Administration Standard Part 145

APPLICATION

This Respiratory Protection Program is established to prevent employee exposure to harmful dusts, and mists. This program shall be updated as necessary to reflect those changes in workplace conditions that affect respirator use.

OPERATION

RW LaPine Inc. employees maybe in a workplace setting were harmful dusts, and mists are present, such as but not limited to; Demolition, Welding, Painting, etc.

These operations generally are taking place in ambient room temperatures with general exhaust ventilation. They may be done frequently, or subject to certain job tasks or circumstances.

RESPIRATORY SELECTION

An evaluation will be performed by R.W. LaPine, Inc. Safety Manager, and Host Employers Safety Management regarding respiratory hazards.

Based on the known hazards

The following respirators and cartridges meeting NIOSH Certification requirements have been selected.

RESPIRATORS - DUST MASK

3M Air Purifying Disposable Particulate Respirator – P95 for nuisance level organic vapors for concentrations not exceeding OSHA PEL, or applicable exposure limits, whichever is lower.

SPECIFIC PROCEDURES FOR IDLH ATMOSPHERES

Specific procedures for IDLH atmospheres such as outside standby persons, maintaining communication, proper training and equipment, notification procedures, and necessary action shall be taken by R.W. LaPine, Inc. Foreman and Safety Manager.

CHANGE SCHEDULE

P-Series Filters are intended for removal of any particle including oil-based liquid aerosols. They may be used for any solid or liquid particulate airborne hazard. 3M recommends the P-series filters should be used and reused for no more than 40 hours of use or 30 days, whichever occurs first. Further filters shall be changed if subject to conditions of hygiene, damage and increased breathing resistance.

Employees must leave the area to wash, change cartridges, or if they detect breakthrough or resistance.

MEDICAL EVALUATION

Using a respirator may place a physiological burden on the operator that varies with the type of respirator worn, the job and workplace conditions in which the respirator is used, and the medical status of the employee.

R.W. LaPine, Inc. may provide a medical evaluation to determine an employee's ability to use a respirator, before the employee is fit tested to use a respirator in the workplace. R.W. LaPine, Inc. may discontinue an employee's medical evaluations if the employee is no longer required to use a respirator.

MEDICAL EVALUATION PROCEDURE

1. R.W. LaPine, Inc. will identify a physician or other licensed health care professional (PLHCP) to perform medical evaluations using a medical questionnaire or an initial medical examination that obtains the same information as the medical questionnaire.
2. The medical evaluation shall obtain the information requested by the questionnaire in Section 1 and 2, Part A. (See Medical Questionnaire)

FOLLOW-UP MEDICAL EXAMINATIONS

1. R.W. LaPine, Inc. shall ensure that a follow-up medical examination is provided for an employee who gives positive response to any question among questions 1 through 8 in Section 2, Part A. Or whose initial medical examination demonstrated the need for a follow-up medical examination.
2. The follow-up medical examination shall include any medical tests, consultations, or diagnostic procedures that the PLHCP deems necessary to make a final determination.

ADMINISTRATION OF THE MEDICAL QUESTIONNAIRE and EXAMINATIONS

1. The medical questionnaire and examinations shall be administered confidentially during the employee's normal working hours or at a time and place convenient to the employee. The medical questionnaire shall be administered in a manner that ensures that the employee understands its content.
2. R.W. LaPine, Inc. shall provide the employee with an opportunity to discuss the questionnaire and examination results with the PLHCP.

SUPPLEMENTAL INFORMATION FOR THE PLHCP

The following information must be provided to the PLHCP before they make a recommendation concerning an employee's ability to use a respirator.

1. They type and weight of the respirators to be used by the employee.
 - a. Light weight (2) Strap Dust Mask.
 - b. Half face cartridge respirator
2. The duration and frequency of respirator use.
 - a. ½ hour to 1 hour in duration, Non-Routine in frequency
3. The expected physical work effort.

- a. Minimal to Moderate physical exertion.
4. Additional Protective Clothing and Equipment to be worn.
 - a. Nitrile Gloves
 - b. Safety Glasses and Face Shield
 - c. Tyvek Suit
 - d. Hard Hat and Leather Work Boots

Supplemental Information:

5. Temperature and humidity extremes that may be encountered.
 - a. Normal ambient air temperatures and humidity.

MEDICAL DETERMINATION

In determining the employee's ability to use a respirator, R.W. LaPine, Inc. shall obtain a written recommendation regarding the employee's ability to use the respirator from the PLHCP. The recommendation shall provide only the following.

1. Any limitations on respirator use related to the medical condition of the employee, or related to the workplace conditions in which the respirator will be used, including whether or not the employee is medically able to use the respirator.
2. The need, if any, for follow-up medical evaluations.
3. A statement that the PLHCP has provided the employee with a copy of the PLHCP's written recommendation.

ADDITIONAL MEDICAL EVALUATIONS

At a minimum, R.W. LaPine, Inc. shall provide additional medical evaluation if:

1. An employee reports medical signs or symptoms that are related to ability to use a respirator.
2. A PLHCP, Supervisor, or the Respirator Program Administrator informs the need for an employee to be re-evaluated.

3. Information from the respiratory protection program, including observations made during fit testing and program evaluation, indicates a need for employee re-evaluation.
4. A change occurs in workplace conditions (e.g., physical work effort, protective clothing, temperature) that may result in a substantial increase in the physiological burden placed on the employee.

FIT TESTING

Before an employee may be required to use any respirator, the employee must be fit tested. The fit test must be with the same make, model, style, and size of respirator that will be used.

R.W. LaPine, Inc. shall ensure that employees using a tight-fitting face piece respirator pass a Qualitative Fit Test.

QUALITATIVE FIT TESTS

Shall be done;

1. Prior to the employee's initial use of the respirator.
2. Whenever a different face piece (Size, Style, Model, or Make) is used.
3. At least annually thereafter.

ADDITIONAL FIT TESTING

R.W. LaPine, Inc. shall conduct additional fit testing whenever:

1. The employee reports, Supervisor, PLHCP, or program administrator makes visual observations of changes in the employee's physical condition that could affect respirator fit. Such conditions include, but are not limited to;
 - a. Facial Scarring
 - b. Dental Changes
 - c. Cosmetic Surgery
 - d. Or an obvious change in body weight

RESPONSIBILITIES

EMPLOYER

R.W. LaPine, Inc. shall provide employees with respirators, which are applicable and suitable for the purpose intended. They will also provide employee training in the proper use, and maintenance of respirators used at this facility.

PROGRAM ADMINISTRATOR

The R.W. LaPine, Inc. Safety Manager will administer the respiratory protection program. The administrator will use the most current SDS's for chemical exposure determination. All records will be properly maintained regarding Employee Medical Evaluation, Fit Testing, and Training.

JOB-SITE FOREMAN

The job-site foreman for the area will regularly inspect and evaluate the work site to determine the continued effectiveness of the program. The foreman will make sure work area conditions and degree of employee exposure is maintained at the appropriate level. Further, the job-site foreman is responsible to ascertain employee compliance with this program and the proper maintenance and care of the equipment.

EMPLOYEES

Must use, clean, maintain and store respirators in accordance with training given and respiratory protection program rules and regulations. Employees shall guard against damaging the equipment as well as report any malfunctions to their job-site foreman.

MAINTENANCE and CARE of RESPIRATORS

The goal of proper care and maintenance is to insure that a respirator retains its original effectiveness.

INSPECTION

All respirators shall be inspected routinely before and after each use.

Inspect for any damaged parts, and openings for damage and wear.
Inspect straps, and for proper fit.

CLEANING AND DISINFECTING

Respirators must be cleaned and disinfected regularly or as required to ensure that proper protection is provided to the wearer. Respirators used by more than one person must be cleaned and disinfected after each use.

REPAIR

Only experienced persons shall do replacement or repairs with parts designed for the respirator. If an employee finds that the integrity of the respirator is no longer effective or needs repair, they shall contact their Supervisor.

EMPLOYEE TRAINING

R.W. LaPine, Inc. will provide employee training in the proper use of respirators prior to the required use in the workplace. Training will be done on an annual basis.

TRAINING OUTLINE

1. The need for respirators
2. How improper fit, usage, or maintenance can compromise the protective effect of the respirator.
3. The limitations and capabilities of respirators.
4. Proper Donning and Doffing of the Respirator to be used.