

RESPIRATORY PROTECTION PROTOCOL

(Effective immediately and supersedes all other respiratory protection protocols)

Environmental Health and Safety Office
The Ohio State University Wooster Campus

1. Respirator requirements are initially identified by EHS. Fit testing and training is an initial and annual requirement mandated by *OSHA, *NIOSH, *ANSI, and The Ohio State University. Fit testing and training will be held by EHS 2-3 times per year and can also be scheduled on an individual basis.
2. Supervisors notify the employee of the respiratory requirements and EHS of new employees in positions requiring respirators.
3. Full-time and part-time employees must register on the Occupational Health Registry via EHS web site <http://orrrp.osu.edu/iacuc/occhealth/> and obtain medical clearance to be fit-tested and trained to wear a respirator **prior** to coming to a fit testing session.

Seasonal workers ONLY: The supervisor should contact EHS for a medical clearance form. This form will be completed and returned to EHS for initial screening: EHS will send the form to Columbus for a follow up evaluation, by the physician, at the Employee Health Department, The Ohio State University. In the interim, the employee may be fit-tested and trained to wear a respirator; however, if the individual presents respiratory issues on the medical clearance form they will not be fit-tested until medical clearance is received from Columbus.

4. Full-time and part-time workers will be contacted via e-mail by Employee Health after they have registered on the Occupational Health Registry to schedule an appointment with your local facility, for example, Wooster employees go to the Med Pro Group. (Some departments schedule their employees. Check with your supervisor).
5. Upon completion of the physical, the supervisor, EHS, and the employee will receive a copy of medical clearance forms.
6. Employee attends respirator fit testing and training.
7. Employee will be fitted with a full face, half mask or paper type respirator or combination, based upon job requirements. The employee will be fit tested with each mask worn, including paper masks (1/2 hour for each test).

8. Each employee will receive a wallet-sized card with identifying information specifying type of mask, date of certification, name, etc. (Please use this card to obtain equipment from the storeroom).
9. Upon completion of training and fit testing, you may wear a respirator. Respiratory, cartridges, adapters and pre filters are available from the OARDC storeroom with a 100W.
10. Respirator Filter Change Out:
 - Paper respirators – thrown out at the end of shift...do NOT reuse.
 - Filter, 5010, SP-71, Pre filter – replace with increased breathing resistance.
 - Filter, 2091, P100 high efficiency filter – replace after 40 hours use and/or 30 days.
 - Cartridge, 6001 – Organic vapor (black band) – yearly (Green house spray use – 6 months) – based on usage in greenhouse.
 - Cartridge, 6002 – Acid gas (white band) – 6 months.
 - Cartridge, 6003 – Organic vapor / Acid Gas (yellow band) – 6 months
 - Cartridge, 6004 – Ammonia (green band) – 6 months or if you taste contaminate.
 - Cartridge, Formaldehyde (brown band) – contact EHS
 - Other cartridge information as requested – contact EHS
11. Comfort mask (dust and pollen) – one time use – replace at end of shift.
These mask are not respirators, they offer NO respiratory protection and are worn at users own risks.

References:

*Occupational Safety and Health Administration (OSHA) Respiratory Protection Standard: 29 CFR 1910.134

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=12716&p_text_version=FALSE

*National Institute for Occupational Safety and Health (NIOSH) Respiratory Protective Devices: 42 CFR Part 84 <http://cdc.gov/niosh/pt84abs2.html>

*American National Safety Institute (ANSI) and American Industrial Hygiene Association (AIHA) Standard Practices for Respiratory Protection Z88.2
<http://safety.blr.com/news.aspx?id=89508>