

HAZARDS

Dual Cartridge Respirators:

- May cover a greenhouse workers full face or just your nose and mouth. Check with your supervisor if you're uncertain which type of respirator to use for a specific hazard.
- Have colour-coded cartridges. Depending on the cartridge, dual cartridge respirators will protect you from breathing in pesticides, anhydrous ammonia, grain dust, paint sprays or other contaminants. Check with your supervisor for the correct colour cartridge you should use with your respirator.

PRECAUTIONS / PROTECTION FROM THE HAZARDS

- To wear a dual cartridge respirator, you must be clean shaven and not have a beard, moustache, long sideburns, a deep facial scar or deformity.
- Check with your supervisor for the correct cartridges.
- Check the manufacturer's literature for additional fitting instructions.
- Perform positive and negative pressure tests each time you put it on a dual cartridge respirator.
- Re-adjust the face piece and perform the test again if you think you have an air leak.
- Get a doctor's opinion on using a respirator if you have lung disease, heart trouble or breathing problems.

GENERAL DIRECTIONS FOR THE ACTIVITY OR TOOL/EQUIPMENT

How to put on a dual cartridge respirator:

- Place the respirator under your chin with the nose piece facing up.
- Pull the top strap up to the top of your head so it rests there.

How to perform a positive pressure test for a dual cartridge respirator:

1. Put on your dual cartridge respirator.
2. Block off the exhalation valve with the palm of your hand.
3. Gently exhale, then hold it for about 10 seconds.
4. Place your hand on the face piece to see if it is bulging slightly.
5. Smile, then open your mouth. Try other facial expressions.
6. If you notice a slight bulge and don't detect any air leaks, you have a proper fit.
7. If the respirator isn't fitting properly, readjust the face piece and try the test again.

How to perform a negative pressure test for a dual cartridge respirator:

1. Place the palms of your hands over the cartridge openings.
2. Gently inhale, then hold your breath for 5-10 seconds.
3. You will notice that the face piece is collapsing slightly.
4. Smile, then open your mouth. Try other facial expressions.
5. If the face piece is collapsing slightly and you don't detect any air leaks, you have a proper fit.
6. If your respirator isn't fitting properly, readjust the face piece and perform the test again.

Please use the AgSafe Safe Work Procedures as a guideline to building your own safe work procedures