

NOTE: Prior to fit testing, wearer must be clean shaven and eyewear should be removed.

MSK-004 DONNING & PREPARATION



Figure 1. Placement of sample probe

1. Install the sample probe on the centre of the respirator, between the subject's nose and mouth. The sampling point must be in the "breathing zone" of the respirator subject. Probe can be placed on MSK-004 within the red circle as indicated in Figure 1.



2. Connect the tubing onto the sample probe. Ensure that both sample probe and tubing are properly attached to the respirator.
3. Separate the top and bottom panels to form a cup shape. Hold the mask in one hand with the open side towards face. The nosepiece represents the top of the respirator.
4. Use index finger and thumb to part the two headbands. Hold mask under chin and pull the two headbands over head simultaneously. Release the lower head band at the back of your neck and position the upper head band on the crown of your head. The straps must not be twisted.
5. Make sure that nosepiece is placed at the bridge of the nose. Using both hands, mould nosepiece to shape the lower part of the nose to ensure a close fit and good seal.
 - Do not position nosepiece at the tip of nose. This will lead to potential failure of the fit test.
6. The subject should leave the respirator on for 5 minutes prior to fit test to purge the particles trapped inside the respirator and permit the wearer to make certain that the respirator is comfortable.

QUANTITATIVE FIT TESTING



1. Carry out a real-time test to ensure there are no leakages. If air leaks around nose, readjust and tighten the nose piece. If air leaks around mask edges, reposition headband for better fit. If finding difficulty in achieving a better fit, try a new respirator and repeat the above guidelines. The mask loses its ability to achieve high fit after the nosepiece is bent and relaxed too many times.
2. Proceed with fit test exercises. Do not allow the subject to adjust the mask during the exercises, as this invalidates previous results.
3. Discard respirator after fit testing is complete. Probed respirators are intended for fit testing only and are never to be reused.