

How To Use the 3M™ Supplied Air Respirator System S200+

This document is designed to provide additional guidance on how to use your 3M™ Supplied Air Respirator System S-200+. Always read this document in conjunction with the relevant user instructions provided with the product.

1 Inspection

Regular checks and maintenance should be carried out on Supplied Air Respirator systems in order to maintain, optimise the effective lifetime of the system and avoid the additional cost of replacement. Pre-use inspection should be carried out in accordance with the relevant user instructions for the system.

2 Assembly



a | Attach the belt to the regulator



b | Attach the breathing tube to the regulator. Ensure the connection is secure by gently pulling on the tube



c | Fit the breathing tube on to the facepiece.

Ensure that the 3M symbol on the breathing tube faces up to ensure correct alignment of the connections.

Supplied Air Mode



d | In supplied air mode a pair of overflow valves must be fitted to the breathing tube

Dual Mode



e | In dual mode a pair of matched filters must be fitted to the breathing tube



f | Connect the regulator up to a source of breathable quality supplied air. The inlet pressure should be set to between 3.0-7.0 Bar.

3 Preparation for Use



a | Set the regulator to the lowest flow setting using the adjustment knob and carry out an airflow check (minimum flow = 120 litres per minute). Ensure that a good seal is formed around the opening in the bag whilst performing the check.



b | Adjust and buckle the waist belt to fit comfortably around your waist



c | Fit and adjust the face piece as outlined in the appropriate user instruction

4 During Use



a | Adjust the airflow of the regulator for maximum comfort



b | Take care to prevent the Breathing tube from becoming looped around protruding objects

NOTE: If during use the air supply is stopped or reduced, vacate the contaminated area immediately and investigate the cause:

Possible Causes

- External air supply turned off or reduced
- Compressed air supply tube blocked or trapped
- Aircare unit blocked
- Unit Malfunction

5 After Use



a | Disconnect the Compressed air supply tube from the regulator



b | Remove the facepiece



c | Unbuckle the belt and remove the unit

NOTE:

- Do not disconnect the breathing tube from the regulator whilst the system is pressurised as this will lead to a release of high pressure air.
- If the respirator has been used in an area that has caused it to become contaminated with a substance requiring special decontamination procedures it should be placed in a suitable container and sealed until it can be decontaminated or discarded.
- After use it is recommended that the product is cleaned and stored in accordance with the relevant User Information.

WARNING: This is only intended as a guide and does not replace the User Instructions. The wearer is responsible for ensuring they have read and understand all requirements of the User Instructions before using your 3M™ Supplied Air Respirator System S-200+.

Further Information and Advice: If you require additional guidance on the Care and Maintenance of your 3M Powered and Supplied Air Equipment, please contact the Helpline or your local 3M representative.