



TRIDENT[®]

HEXHALE[®]

RTC3000
RESPIRATOR TRIDENT[®] HEXHALE[®]
SILICONE HALF FACE



BSI CERTIFIED
AS/NZS 1716: 2012
BMP 795804

INSTRUCTIONS FOR USE AS OUTLINED BY THE
MANUFACTURER AND IN ACCORDANCE WITH
AUSTRALIAN STANDARD AS/NZS 1716:2012 IN
CONJUNCTION WITH AS/NZS 1715:2009

RTC3000 Respirator TRIDENT® HEXHALE® Silicone Half Face

The TRIDENT® RTC3000 is a twin filter half face respirator that has a form-fitting shape providing optimum comfort and fit.

For applications such as Painting, Welding, Sanding, Chemical clean up, Casting, Mining, Laboratories, Petrochemical and Pharmaceuticals.

The TRIDENT® RTC3000 respirator is compatible with TRIDENT® 3000 series filters. Any P3 filters in this series will only achieve P2 performance when using this respirator. Before use, the wearer must read and understand these User Instructions. Keep the User Instructions for reference.

I. WARNING

Misuse may result in sickness or death.

1. This respirator is designed to cater for a particular physical characteristic.
2. Use only with TRIDENT® gas, vapour, particulate and combined filters.
3. Fit of facepiece (check prior to use).
4. This respirator does not supply oxygen. Do not use it if the atmosphere contains less than 19.5% oxygen.
5. Use in adequately ventilated areas without oxygen deficiency and that do not contain explosive atmospheres.
6. The proper type of filter must be chosen according to concentration and type of contaminant in each case.
7. Do not use when concentrations of contaminants are immediately dangerous to life and health.
8. Two filters must be placed on each respirator.
9. Must not be used for protection against carbon monoxide under any circumstances.
10. Do not alter, abuse or misuse this respirator.
11. This respirator with filters cannot be used in containers, wells, sewers or closed spaces with no ventilation.
12. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the face seal of the respirator.
13. If the respirator becomes damaged, if you smell or taste contaminants, or if dizziness, irritation, or other distress occurs; leave the work area immediately, repair or replace the respirator, or contact your supervisor.
14. Store the respirator away from contaminated areas when not in use.

WARNING:

THIS HEAD COVERING DOES NOT MEET THE REQUIREMENTS OF AS/NZS 1801.

IF HEAD PROTECTION IS REQUIRED CONSULT YOUR SAFETY OFFICER.

II. BEFORE USE

1. Make sure the respirator has all its parts: harness and straps, inhalation and exhalation valves.
2. Make sure the respirator is in perfect condition, with no signs of dirt, breakage, cracks, or bumps in any of its components. Should this be the case, the respirator must be disposed of.
3. Make sure the chosen filter is the proper one for the intended use.
4. Make sure two units of the same type of filter are available for each respirator.

III. ASSEMBLING INSTRUCTIONS

Fig. 1

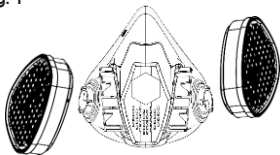
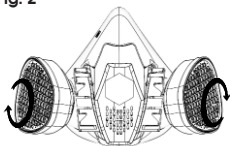


Fig. 2



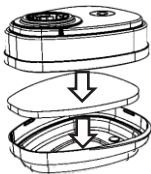
Cartridge 3000 Series

1. Align the cartridge notch with the arrow on the facepiece, as shown, and push together (Fig. 1).
2. Turn the cartridge clockwise to stop (1/4 turn) (Fig. 2).

Pre Filter RTC3006

1. Place Pre filter into Retainer RTC3002 so the printed side of the filter faces the cartridge (Fig. 3).
2. Press the cartridge into filter retainer. It should snap securely into the filter retainer. When correctly installed, the filter should completely cover the face of the cartridge.
3. To replace the filter, remove the retainer by lifting on the TAB.

Fig. 3



IV. DONNING RESPIRATOR

1. Adjust head cradle size as needed to fit comfortably on the head.
2. Place the respirator over the mouth and nose with one hand.
3. Pull the head harness over the crown of the head with the other hand (Fig. 4).

Grasp the bottom straps, place them at the back of the neck and hook them together (Fig. 5).

4. Pull the ends of the straps to adjust the tightness, beginning with the adjustment points on the head cradle and then moving to the adjustment points at the back of the neck (Figs. 6 and 7).

Do not over-tighten. Strap tension may be decreased by pushing out on the back side of buckles.

5. Perform a positive and/or negative pressure user seal check each time the respirator is donned.

V. USER SEAL CHECKS

Always check the seal of the respirator on your face before entering a work area.

Positive Pressure User Seal Check

1. Cover the opening in the exhalation valve cover with your hand and exhale gently (Fig. 8). If the facepiece bulges slightly and no air leaks are detected between your face and facepiece, a proper seal has been obtained.
2. If face seal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the elastic straps to eliminate leakage and recheck.

Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Negative Pressure User Seal Check

Negative Pressure User Seal Check with TRIDENT® 3000 Series filters

1. Place palms of hands to cover the face of the cartridge or open area of Filter Retainer RTC3002 and inhale gently (Fig. 9). If you feel the facepiece collapse slightly and pull closer to your face with no leaks between the face and facepiece, a proper seal has been obtained.
2. If face seal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the straps to eliminate leakage and recheck the seal.

Fig. 9



VI. INSPECTION

This respirator must be inspected before each use and at the time of cleaning to ensure it is in good operating condition. Any damaged or defective parts must be replaced before use.

Do not enter a work area with damaged or defective parts. The following inspection procedure is recommended.

1. Check the facepiece for cracks, tears and dirt. Be certain the facepiece, especially the face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatigue. Ensure bayonet gaskets are in good condition.
5. Remove the exhalation valve cover and examine the exhalation valve and valve seat.

VII. STORAGE and CLEANING

The respirator must be stored at room temperature in a dry place away from contaminants.

Do not expose the respirator to heat over 50°C and do not expose it to direct sunlight.

- Remove filters before cleaning the respirator.
- Clean the respirator with a wet cloth and immerse it in warm water solution, which must not exceed 50°C using a neutral detergent, if necessary.
- Rinse with warm water and air dry in a contaminant-free environment.
- **DO NOT CLEAN WITH SOLVENTS, STRONG DETERGENTS OR PETROLEUM-BASED PRODUCTS.**

VIII. MAINTENANCE

To keep the respirator in the best condition, do the following after each use:

- Clean and store completely dry in a hermetically sealed bag without filters.
- Check inhalation and exhalation valves and keep them completely clean without any distortions.
- Make sure the elasticity of the straps does not decrease.
- Make sure the respirator is in perfect condition with no signs of dirt, tearing, cracks or dents in any of its components.
- If any of its pieces show any distortions, the respirator must be replaced and/or disposed of.

IX. EXPIRATION

TRIDENT® RTC3000 Respirators are manufactured with high-quality materials. However, respirator parts such as valves, harnesses, straps, or any part that needs to be changed, must be replaced the moment they show any alteration or distortion.

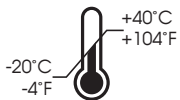
Shelf life: 5 Years from production if unopened.

X. USE LIMITATIONS

The use of this respirator must be in compliance with current legislation, norms about respiratory protection and norms from various official bodies.



See information
supplied by the
manufacturer.



Storage
Temperature
Range -20°C (-4°F)
to +40°C (+104°F)



Storage Maximum
Relative Humidity
<80% RH



End of shelf life
YYYY/MM

Contact Industree Group for further information regarding spare parts.
INDUSTREE.COM.AU | info@industree.com.au



AN INDUSTREE GROUP BRAND

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