



Compressed Air Breathing Apparatus

User Instructions



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Compressed Air Breathing Apparatus

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Sabre Breathing Apparatus is a division of Scott Health and Safety Limited. Registered Office: Scott Health and Safety Limited, Pimbo Road, West Pimbo, Skelmersdale, Lancashire, WN8 9RA, United Kingdom.

WARNINGS

Please Read Carefully and Fully Understand

This manual is for use by personnel trained in the use and care of compressed air breathing apparatus (BA) and MUST NOT be used as a self-teaching guide by untrained users. Failure to understand or adhere to these instructions may result in injury or death.

Scott Health and Safety Limited have taken great care to ensure that the information contained within this manual is accurate, complete and clear. However, Training and Technical Support Services will be pleased to clarify any points in the manual and answer any questions on Sabre breathing apparatus.

The following warnings are in accordance with certifying authority requirements and apply to the use of breathing apparatus in general:



Breathing apparatus users must be fully trained in the use and care of airline and self-contained. compressed air breathing apparatus.

Ensure that the selection of the apparatus type is sufficient for the tasks being undertaken and the hazards likely to be encountered. Please refer to National Regulations for guidance.

Adequate protection may not be provided in certain highly hazardous atmospheres.

The wearer must be aware of the length of time of the duration of the apparatus to ensure that they have sufficient time to escape in the event of airline failure.

For potentially flammable or explosive atmospheres, anti-static hoses MUST be used.

Prior to use, check that the facemask is a good fit and that a good face seal can be achieved by the wearer. The wearing of beards, side-burns or spectacles may adversely affect the sealing of a facemask to the wearer's face.

If the apparatus fails any of the pre-use checks it must be withdrawn from service and returned for repair.

The quality of air used to supply and charge breathing apparatus must meet the requirements of EN 12021 : 1999 or AS/NZS1715 : 1994.

In Australia and New Zealand, ensure that your selection of respiratory protective devices conform to the requirements of AS/NZS1715 : 1994.

The apparatus is not designed for use underwater.

Where FLITE has been contaminated by anything that may pose a threat to life or health, local statutes, health and safety guidance, site operating procedures or specialist advice for: doffing, decontamination, cleaning or disposal of FLITE or its filters must be obtained and adhered to.



The harness must not be used as a vehicle seat restraint.

FLITE can be used at temperatures down to -6°C and stored between -30°C and +60°C.

Compressed air for use with BA must have a dew-point sufficiently low to prevent internal freezing.

DISCLAIMER

Failure to comply with these instructions or misuse of the apparatus may result in death, injury or material damage and invalidate any resulting warranty or insurance claims

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1. INTRODUCTION

1.1 ABBREVIATIONS USED IN THIS MANUAL

- BA Breathing Apparatus
- DV Demand Valve
- kg Kilograms
- HP High-pressure
- mg Milligrams
- ml Millilitres
- m Metres
- NRV Non Return Valve
- ppm Parts per million
- psi Pounds per Square Inch

1.2 LIMITATIONS OF USE

FLITE must only be used with **Sabre** breathing apparatus facemasks.

FLITE must only be used by competent personnel trained by Scott Health and Safety Limited or their approved agents.

FLITE must not be used with spectacle side arms, beards (or other facial hair), or clothing that may prevent the facemask forming a good seal with the face.

1.3 BREATHABLE AIR

Air for compressed air BA may be natural or synthetic. The composition of breathable air is given in EN 12021 : 1999 or AS/NZS1715 : 1994. The data given or required in EN 12021 are valid for normal atmospheric pressure (one bar absolute. 20°C). All percentage requirements are given in % by volume. The composition of natural air is shown in Table 1

Element	Mass % (Dry Air)	Volume % (Dry Air)
Oxygen	23.14	20.948
Nitrogen	75.52	78.08
Argon	1.29	0.93
Carbon Dioxide	0.05	0.031 4
Hydrogen	0.000 003	0.000 05
Neon	0.001 270	0.001 818
Helium	0.000 037	0.000 524
Krypton	0.000 330	0.000 114
Xenon	0.000 039	0.000 009

 Table 1: Breathable Air - EN 12021

 (NOT applicable for Australia or New Zealand)

The oxygen content must be in the range of 21% (\pm 1%) by volume (dry air). There is an increased fire risk when oxygen or oxygen-enriched air is used to supply breathing apparatus.

The purity/quality of air used to supply and charge breathing apparatus should be tested periodically in accordance with national regulations. Compressed air for breathing apparatus shall not contain any contaminants at concentrations that can cause toxic or harmful effects Contaminant levels must be kept as low as possible and must be far below the national exposure limit. Combination effects of more than one contaminant must be taken into account

Note:

The limit of concentration for any contaminant should be derived from national exposure levels, taking into account, as far as is reasonably practical; the effects of pressure and exposure time.

In the absence of more stringent national regulations the following values shall apply:

- Lubricant content (droplets or mist) shall not exceed 0.5 mg/m³. Where synthetic lubricants are present limits for toxic or harmful contaminants apply (as defined above).
- Air shall be without significant odour or taste.
- Carbon monoxide content must not exceed 15 ml/m³ (15 ppm).
- Carbon dioxide content must not exceed 500 ml/m³ (500 ppm).
- There must be no free liquid water.
- Where the apparatus is used and stored at a known temperature, the pressure dew-point shall be at least 5°C below the likely lowest temperature.
- Where conditions of usage and storage of the compressed air supply are not known the pressure dew-point shall not exceed -11°C.

The maximum water content of air at atmospheric pressure shall not exceed:

- 50 mg/m³ for 207 bar apparatus
- 35 mg/m³ for 300 bar apparatus

Note:

The water content of air supplied by a compressor must not exceed 35 mg/m^3 .

Contaminants must be kept to a minimum and must not exceed permissible exposure levels. Air filters must be suitable for the quality of air used and the air must be tested periodically to ensure that the supply reaches these standards. The air must be free from the odour of oil (odour threshold is 0.3 mg/m³).

The dew-point of air for compressed airline BA must be sufficiently low to prevent internal freezing.

National regulations for compressed airline BA must be observed.

1.4 COMPRESSED AIR AIRLINE SUPPLIES

Air for use with compressed air airlines must conform to EN 12021 : 1999 or AS/NZS1715 : 1994.

Airline pressure must be between 5.0 and 9.0 bar (70 - 130psi). Airflow supply capacity for a single airline is given in Table 2. Generally, each additional wearer requires an extra 150 L/min, each additional pair of wearers requires 300 L/min for one wearer and 450 L/min for Table two wearers (see 2). All measurements must be taken at the wearer end of the airline. An Airline Flow Tester (Article Number 1035978) is available from Scott Health and Safety Limited for this purpose.

Example: for 8 users (4 pairs) the recommended flow is $4 \times (300 + 150) = 1800$ litres per minute.

External air supplies must conform to the Supply Pressures and Flow Rates listed in *Table 2* when measured at the extreme end of the supply hose.

Number of Wearers	Supply Pressure bar (psi)	Airflow L/min
1	5.5 - 9.5 (70 - 130)	300
2 (1 pair)	5.5 - 9.5 (70 - 130)	450

Table 2: Wearer Air Consumption

1.5 TRAINING

Personnel who use breathing apparatus must be fully trained in accordance with these instructions and national regulations.

These instructions cannot replace an accredited training course run by fully qualified instructors in the proper and safe use of **Sabre** breathing apparatus.

Please contact **Training and Technical Support Services** or your **Sabre** distributor for training course details.

Training and Technical Support Services:

Scott Health and Safety Limited Pimbo Road, West Pimbo.

Skelmersdale, Lancashire, WN8 9RA, England.

Tel: +44 (0) 1695 711711 Fax: +44 (0) 1695 711775

1.6 SERVICING

FLITE must be serviced at scheduled intervals by personnel who have completed a formal training course and hold a current certificate for servicing and repairing Sabre breathing apparatus. Details of the servicing schedule are contained within the Sabre FLITE Service Manual, copies of which may only be obtained by registered holders of a current certificate. Your Sabre distributor or Training and Technical Support Services at Scott Health and Safety Limited will be pleased to provide training course details and guotes for service contracts. Please see above for contact details

1.7 PARTS IDENTIFICATION

All safety-related parts accessible to wearers are clearly marked with a part number and a serial number. Other parts must only be removed or adjusted by personnel qualified to service the apparatus.

1.8 ORDERING PARTS AND ACCESSORIES

Customer Services provide an efficient, friendly customer contact point for ordering new apparatus, spare parts and accessories.

Customer Services:

Scott Health and Safety Limited Pimbo Road, West Pimbo, Skelmersdale, Lancashire, WN8 9RA, England.

Tel: +44 (0) 1695 711711 Fax: +44 (0) 1695 711775

1.9 WARRANTY

The products manufactured at our factories in Skelmersdale and Vaasa carry a warranty of 12 months (unless stated otherwise) for parts, labour and return to site. The warranty period runs from the date of purchase by the end user.

These products are warranted to be free from defects in materials and workmanship at the time of delivery. SCOTT will be under no liability for any defect arising from wilful damage, negligence, abnormal working conditions. failure to follow the original manufacturer's instructions, misuse or unauthorised alteration or repair.

Evidence of purchase date will need to be provided for any claims arising during the warranty period. All warranty claims must be directed through **SCOTT Customer Services** and in accordance with our sales return procedure.

1.10 SELECTING APPARATUS FOR RESPIRATORY PROTECTION

When selecting respiratory protective equipment the following factors must be considered:

- Hazards likely to be encountered and their effect on the wearer.
- Physical and emotional stress and their effect on wearer breathing rate.
- The type of respiratory protection required.
- The oxygen level may fall below 19%.
- There are high levels of toxic hazard.

Where any of the above are present, a higher level of respiratory protection should be selected.

When selecting respiratory protective apparatus, refer to EN 529 : 2005 or AS/NZS1715 : 1994.

2. TECHNICAL DESCRIPTION

2.1 GENERAL

FLITE is a positive pressure compressed air, airline, breathing apparatus (BA). It can be used with either:

- (a) A compressed air cylinder to enable wearers to leave hazardous areas safely in the event of airline failure, or
- (b) A facemask that can be fitted with a suitable SCOTT particulate filter, to be used when entering or leaving the hazard area with the airline disconnected.

In the latter mode the facemask functions as a negative pressure device.

The supply airline hose connects to a CEN connector that supplies the facemask-mounted demand valve via a length of medium pressure air hose.

WARNING:

FLITE must not be used in oxygen deficient atmospheres whilst disconnected from the airline supply and with the cylinder not in use.

Non Return Valves (NRV) in the pneumatics seal the air inlet from the airline and the cylinder when either are not in use. The apparatus MUST be used with a cylinder, or an airline, or both.

The apparatus comprises a full facemask, a Demand Valve (DV), and a pigtail with CEN coupling for attaching the supply airline.

There are three cylinder options that can be provided with the apparatus.

The air supply specification for **FLITE** is detailed below:

Maximum Cylinder Duration	10, 13 or 15 minutes	
Maximum Airline Length	90 metres	

Air Supply Specification

The flame-resistant bandolier relieves the pull of the airline hose and when a compressed air cylinder is fitted, supports the cylinder bag.

FLITE is marked in accordance with EN 139 and AS/NZS1716 : 2003. An explanation of those markings is given below:



Key	Meaning	
A =	Product brand name	
B =	Serial number of apparatus	
C =	Product model/designation	
D =	Apparatus description	
E =	Symbol - refer to User Instructions	
F =	Date of manufacture	
G = Contact details of manufacturer		
H =	Number of Approval Body	

2.2 FILTERS

The service life of the filters is dependent upon the environment and the use-bydate marked on the filter. DO NOT use damaged, wet, clogged, or time expired filters.

The filter screws directly into a threaded connector on the facemask. A filter cover is provided to preserve the filter when an airline is in use. A blanking plug is provided to seal the mask when a filter is not fitted. Filters must conform to EN 141 or EN 143 with an EN 148-1 standard thread and must be appropriate for the known workplace hazards.

2.3 DEMAND VALVE



Airflow into the facemask is controlled by the DV, which is attached to the facemask by a quick-fit connection. The DV can be closed by a reset button to enable the facemask to be removed without loss of air to the atmosphere. When the DV is next used the first breath taken by the wearer opens the DV automatically.

The bypass knob enables the wearer to open an unregulated flow of air into the facemask.

2.4 FACEMASKS

FLITE is approved for use with PanaSeal, PanaVisor, Vision 3 and Promask PP full facemasks.

All of which have the following features:

- Conformance with EN 136 and AS/NZS1716 : 2003.
- Speech diaphragm.
- Ori-nasal inner mask to minimise the carbon dioxide dead space and prevent visor misting.
- Polycarbonate visor.
- Fully adjustable, five-point web, or net head harness options.
- Left quick fit DV connector.
- Reflex face seal.

PanaSeal is the standard facemask. It is available in non-dermatitic silicone or neoprene and may be fitted with a microphone for a personal radio.

PanaVisor is similar to **PanaSeal**, but its larger size makes it more suitable for larger face sizes.

Vision 3 is available in non-dermatitic silicone. It has a large visor, which provides the wearer with a wider range of vision.

Promask PP is moulded in hypoallergenic, black $Procomp^{TM}$ with a soft silicone inner mask.

2.5 REDUCER/CYLINDER VALVE

The reducer/cylinder valve is a combined cylinder valve and pressure reducer. When the handwheel is opened, air flows from the cylinder, through the reducer to the facemask demand valve.

The reducer is a spring and piston device with an integral Pressure Relief Valve (PRV) that protects the medium pressure circuit from over-pressurisation.

The pressure gauge indicates the current cylinder pressure.

2.6 CYLINDERS

When cylinders are provided they may be:

10 minute cylinder (CYL-FLITE-10):

Free air capacity:	400 litres
Charging pressure:	207 bar
Material:	Alloy Steel
Specification:	CE
Duration at 40 L/min:	10 minutes
Weight (charged):	3.8Kg

10 minute cylinder (CYL-FLITE-10-AUS/NZ):

Free air capacity:	440 litres	
Charging pressure:	207 bar	
Material:	Alloy Steel	
Specification:	Work Cover	
Duration at 40 L/min:	10 minutes	
Weight (charged):	4.2Kg	

10 minute cylinder (CYL-FLITE-SL):

Free air capacity:	540 litres	
Charging pressure:	300 bar	
Material:	Carbon Fibre / Aluminium	
Specification:	HSE-AL-FW2 & TUV	
Duration at 40 L/min:	13 minutes	
Weight (charged):	4.3Kg	

15 minute cylinder (CYL-FLITE-15):

Free air capacity:	600 litres
Charging pressure:	207 bar
Material:	Alloy Steel
Specification:	CE
Duration at 40 L/min:	15 minutes
Weight (charged):	4.7Kg

15 minute cylinder (CYL-FLITE-15-AUS/NZ):

Free air capacity:	660 litres
Charging pressure:	207 bar
Material:	Alloy Steel
Specification:	Work Cover
Duration at 40 L/min:	15 minutes
Weight (charged):	5.1Kg

Carbon fibre/aluminium cylinders should be used with apparatus that is to be used for full shift periods. Steel cylinders should NOT be used for full shift working.

When changing from airline to cylinder supply, the non-return valve in the supply airline protects the airline from contamination, while a second, in the **FLITE** air hose prevents cylinder air loss.

2.7 QUALITY ATTRIBUTES

FLITE is 'CE' marked in accordance with EEC Directive EC/686/1986.

It is approved to European Standard EN 139 : 1993 (*Respiratory Protective Devices - Compressed Airline Breathing Apparatus*). AS/NZS 1716 : 2003 (*Respiratory Protective Devices*).

Facemasks are approved to EN 136 and AS/NZS1716 : 2003.

Scott Health and Safety Limited is quality assurance approved to ISO 9001 : 2000.

2.8 NOTIFIED BODIES

Inspec International Limited (No. 0194) 56 Leslie Hough Way, Salford, Greater Manchester, M6 6AJ, England.

British Standards Institute (No. 0086) 389 Chiswick High Road, London, W4 4AL, England.

SAI Global 286 Sussex Street, Sydney, NSW 2000, Australia. Lic. No 1214.

3. PRE-USE CHECKS

3.1 FACEMASK

1. Remove the **Visorguard** and store carefully for re-use later. Check that the mask is clean and that visor is clear and undamaged.

2. Slacken the facemask head harness fully and check for damage.



3. Withdraw the DV locking catch, turn the DV through 90° clockwise and withdraw the DV from the facemask.



4. Check O-ring on the demand valve is in good condition and attach the DV to the facemask.

5. Twist the DV to check that the locking catch has locked the DV to the facemask.

6. Check that the bypass knob is in the OFF position.

7. Reset the DV first breath mechanism by pressing the black rubber reset button.

WARNING:

When using with a facemask fitted with a filter and breathing from an airline, a filter cover or blanking plug must be place to ensure that the first breath mechanism will activate.



8. Check that the O-ring on the blanking plug is in good condition.

9. Screw the blanking plug to the facemask.

10. If using the facemask fitted with a filter, check that the filter is suitable for the workplace hazard and within its useby date (see filter label).



11. Check that the cord from the filter cover is around the filter connector.



12. Check that the filter O-ring is in place and in good condition. Screw the filter to the facemask.

3.2 BANDOLIER

1. Fully slacken the bandolier waistbelt and leg strap.



2. Check that the shackle is attached to the pigtail and the shackle nut is fully tightened.

3. Check that the cylinder is full and securely held in its bag.

4. Check that the pigtail CEN connector is clean and in good condition.

5. Check that there is no damage or excess wear in the bandolier.

6. Replace any items that are damaged or show signs of excessive wear.

7. DO NOT use the equipment if it fails any of the above checks.

8. Check the airline supply pressure.

- 4. DONNING AND OPERATING PROCEDURES
- 4.1 BANDOLIER



1. Don the bandolier so that the DV hose is over the right shoulder and the cylinder is on the left hip. Fasten the waistbelt and leg strap.



2. Remove the coupling dust-cap, connect the pigtail to the airline and pull the airline to ensure that the coupling is firmly connected.

4.2 FACEMASK



1. Hang the facemask from the neckstrap.

2. Position the facemask so that the chin fits into the chin-cup.

3. Pull the head harness over the back of the head, ensuring that no hair is trapped under the face seal.



4. Tighten the head harness straps in sequence: bottom, middle, top. DO NOT OVER-TIGHTEN.

5. Take a sharp breath to actuate the first breath mechanism.

4.3 POSITIVE PRESSURE TEST



1. Gently insert fingers into the mask seal and check that there is a good flow of air from the facemask.

2. Remove the fingers from the seal and allow the mask to re-seal to the face.

4.4 FACE SEAL TEST

1. Hold your breath and listen carefully for leaks.

2. If a leak is detected adjust the facemask and head harness. Repeat the test. If the leak is still present the apparatus must be returned for repair.

WARNING:

DO NOT use the apparatus if there is a leak.

3. If there are no leaks, the apparatus is ready for use.

4.5 NEGATIVE PRESSURE TEST (FLITE WITH FILTER)

1. Disconnect the airline supply.



2. Attach the filter seal cord to the neckstrap and fit the sealing cap to the filter canister inlet.



3. Use a thumb to seal the airline coupling.



4. Press the filter seal with the palm of the hand to seal the filter inlet and inhale. Hold your breath for 10 seconds. Check that the facemask pulls onto the face and does not pull away during the 10 seconds.

4.6 CHANGING FROM FILTER CANISTER TO AIRLINE

1. Connect the airline to the pigtail and pull the couplings firmly to check that the hose is secure.

2. Fit the sealing cap to the filter canister inlet.

3. Take a sharp breath to activate the DV and then breathe normally.

4.7 CHANGING FROM AIRLINE TO FILTER CANISTER

1. Remove the sealing cap from the filter canister inlet.

2. Push the CEN coupling together, pull back the airline collar and disconnect the airline.

3. Depress the black reset button on the DV, breathe normally and leave the hazard area.

Note:

There will be a noticeable increase in breathing resistance after the reset button has been pressed.

4.8 CHANGING FROM AIRLINE TO CYLINDER



1. Check the cylinder gauge to ensure that there is sufficient air and open the cylinder valve.



2. Push the CEN coupling together, pull back the airline collar, disconnect the airline and leave the hazard area.

4.9 CHANGING FROM CYLINDER TO AIRLINE

1. Connect the airline to the pigtail and close the cylinder valve.

2. Take a sharp breath to activate the DV and then breathe normally.

DV Failure: Open the DV bypass if there is a problem with the DV.

WARNING:

If the cylinder valve is not closed, the cylinder will empty.

5. DOFFING THE APPARATUS

WARNING:

DO NOT remove the apparatus until well clear of the hazard area.



1. Take a deep breath then press the DV reset button.



2. Release the head harness by pulling the buckles forward in sequence: bottom, middle, top. Remove the facemask.

3. If you have been breathing from the cylinder, close the cylinder valve.



4. Push the airline couplings together and pull back the CEN collar to disconnect the hose from the pigtail.

5. Open the DV bypass to vent any compressed air from the facemask.



6. Fit the dust cap on the pigtail CEN coupling.

7. Release the waistbelt and leg strap and remove the apparatus.

8. Clean and check the apparatus in accordance with *Section 6: Cleaning and Scheduled Maintenance* before returning it to service.

6. CLEANING AND SCHEDULED MAINTENANCE

6.1 FACEMASK

CAUTION:

- DO NOT allow water to enter the Demand Valve. Fit the yellow DV dust cap.
- Use ONLY specified substances and methods to clean the apparatus.
- DRY thoroughly before storage.

1. Pull the DV red release catch and disconnect the DV.

2. Wash the facemask in a hand-hot solution of $TriGene^{TM}$ and water.

3. Rinse the mask thoroughly in clean running water, paying particular attention to the exhale valve.

4. Dry the mask thoroughly at room temperature. DO NOT expose to high temperatures or direct sunlight.

5. When dry, wipe the facemask seal with *TriGene*[™] disinfectant wipes.

6. Check that the inhale valve flaps are not damaged or distorted.

7. Replace **Visorguard** (Article Number 1031836).

8. When the mask is dry: polish the visor with a soft, clean, lint-free cloth and replace the **Visorguard**. Slacken the head harness ready for use.

6.2 DEMAND VALVE



1. Fit the yellow DV dustcap (Article Number 1033545) over the DV inlet, immerse the bypass knob in running water and operate the bypass knob several times.

2. Clean the outer surfaces with a clean, lint-free cloth. Persistent marks can be removed with a clean, lint-free cloth moistened with a solution of **TriGene**TM and warm water.

3. Check that both the locking catch and bypass knob move freely. If either does not move freely, the DV must be serviced.

6.3 BANDOLIER

1. Brush dirt from the bandolier using a stiff brush.

2. If heavily soiled, the bandolier can be soaked in a solution of $TriGene^{TM}$ and warm water for one hour and then scrubbed with a stiff brush.

3. Dry the bandolier thoroughly in a well-ventilated room away from direct heat and sunlight.

6.4 REDUCER, GAUGE AND CYLINDER

1. Dust the exterior of the equipment with a clean lint-free cloth.

2. Use a lint-free cloth moistened in *TriGene*[™] to clean off persistent marks.

Note:

TriGene[™] cleansing and disinfecting solution is available from **Scott Health** and Safety Limited in both 1 litre and 5 litre containers under Article Numbers 2008247 and 2008248 respectively.

Suitable pump dispensers are also available under Article Numbers 1017672 (1 litre) and 1017670 (5 litres).

TriGene[™] disinfecting wipes are available from **Scott Health and Safety Limited** in packs of 20 sachets, (Article Number 2004225), or drums of 100 wipes, (Article Number 1017652).

6.5 CHECK APPARATUS

1. Check the apparatus thoroughly for signs of damage and wear. If any of the components are damaged, the apparatus must be returned, with an explanatory note, for servicing.

2. Check that the cylinder valve handwheel turns smoothly and does not stick.

3. Check that the cylinder is full. If it is not, withdraw **FLITE** from service and recharge the cylinder.

6.6 DEMAND VALVE



1. Operate the locking catch several times to check that it does not stick. The locking catch should spring back to its original position without sticking.

2. Operate the bypass knob several times and check that it does not stick and when it is released, always rests in the ON or OFF position.



3. Check that the DV O-ring is in good condition.

7 Perform the pre-use tests to ensure that the apparatus is fully operational. Should an apparatus fail the pre-use tests, it must only be serviced by trained personnel who hold a current certificate for servicing **FLITE**.

8 The apparatus can now be returned for use or storage.

6.7 RECORD DETAILS OF CHECKS

In the United Kingdom it is a statutory requirement of both the *Control of Substances Hazardous to Health* (CoSHH) regulations and the *Personal Protective Equipment* (PPE) directive, that a Logbook is maintained for each apparatus. The Logbook should record the results of Apparatus Checks (as described above) and all other service procedures or repairs. The Logbook must be available for examination at all times.

A Breathing Apparatus Logbook, (Article Number 1034745), is available from **Scott Health and Safety Limited** for this purpose.

The logbook should contain:

- Name and address of the employer responsible for the apparatus.
- Name and signature, or unique authentication, of the person conducting the test.

- Manufacturer, model and serial number of the equipment, together with details of any other distinguishing features or markings that aid identification.
- Condition of the equipment and details of any faults found during the tests, including details of any remedial action taken.
- Air pressure within the cylinder.
- The quantity of flow and quality of air supplied by any airline system or systems used with the apparatus.
- Types of test conducted.
- Date of the test.

6.8 MONTHLY MAINTENANCE

1. The apparatus must be checked monthly in accordance with the instructions in this manual for *Pre-use Checks*.

2. Details of these tests must be recorded in the appropriate register and retained for future reference.

In the United Kingdom, monthly testing is a statutory requirement of the *Control of Substances Hazardous to Health* (CoSHH) regulations and the *Personal Protective Equipment* (PPE) directive.

6.9 ANNUAL MAINTENANCE

1. The apparatus must be tested and serviced in accordance with the **FLITE** Service Schedule within a maximum period of one year.

2. Full details of this testing and servicing can be found in the FLITE Service Manual, which may only be obtained from Training and Technical Support Services at Scott Health and Safety Limited upon completion of formal apparatus maintenance training.

3. If the apparatus is used frequently it may be necessary to replace components on a more frequent basis than stipulated.



Sabre Breathing Apparatus

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