

ANCILLARY/ACCESSORY PRODUCTS

1. Belts

Designed to accommodate both the cap lamp battery and ResQpac. Belts are available with shoulder supports (braces style).

Chest harnesses are available where it is not possible to carry the unit on the belt.

2. Storage racks

Wall-mounted and freestanding racks, made of galvanised steel. Standardised wall-mounted racks can accommodate 100 units. Freestanding racks accommodate 200 units (100 on each side). All self-rescuers can be locked individually.

3. Training materials

Afrox's training programme is an in-depth training course designed to suit mine requirements. Training materials available consist of the following:

- 3.1 The trainer's AfroxPac which is painted white and is issued to one training officer for his exclusive use. The trainer's AfroxPac allows the trainer to demonstrate to trainees how the breathing bag inflates as well as how the pressure relief valve operates, allowing the trainees to hear air escaping through the pressure relief valve and be told that this is normal.

As can be imagined, it is not practical to completely hygienically clean this unit after each training session. Hence, the personally allocated units.

- 3.2 The trainee's AfroxFac is painted blue and is used for general training. The breathing tube is sealed and has holes just below the mouthpiece to allow breathing to take place during training, whilst curtailing any further contamination of the training unit. The mouthpiece and nose clips are easy to sterilise for use by the next trainee.

***Note:** *The training units are exact replicas of the active unit allowing close simulation of the unit in practice.*

3.3 Complete Training Programme

When the complete training programme is ordered (Items A & B), the following is supplied:

A. Training manual. The AfroxFac training manual consists of:

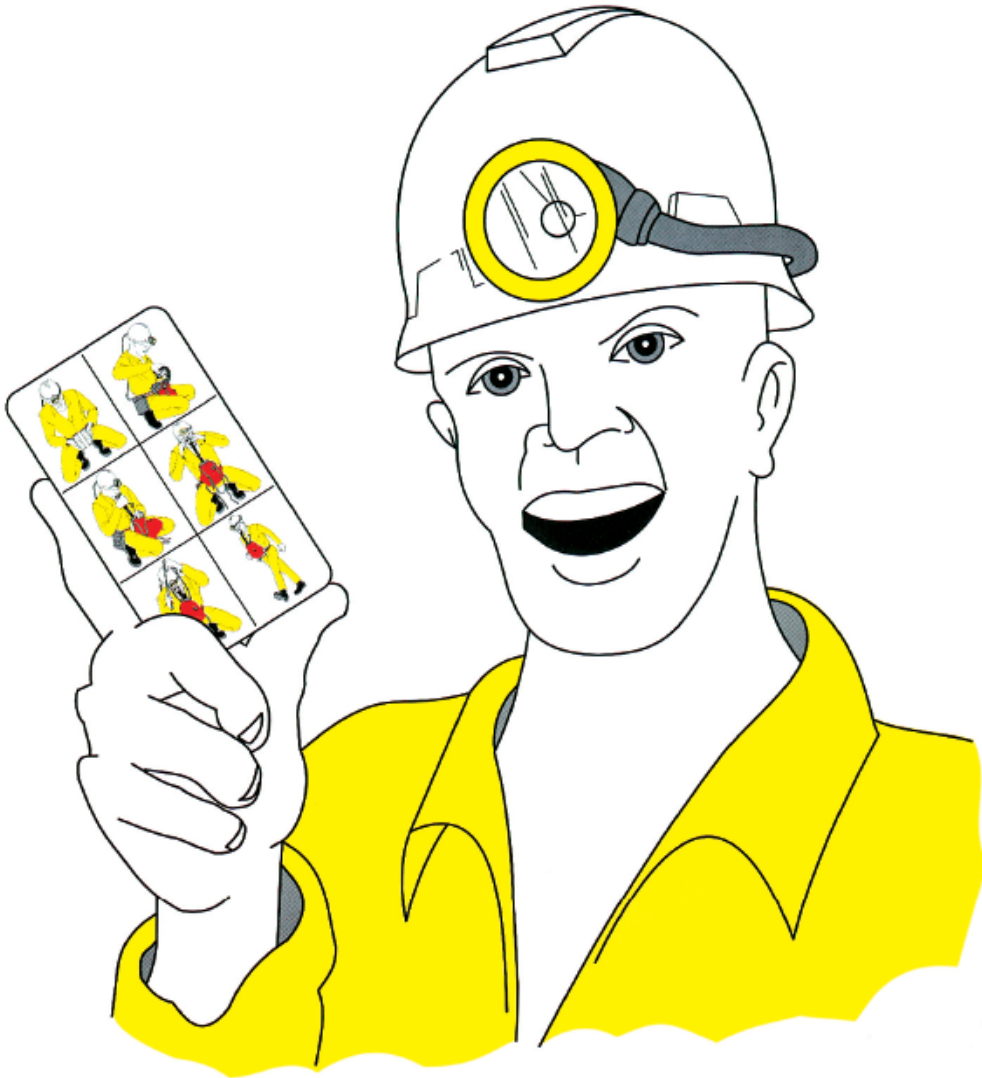
- Trainer's module
- Trainee's module
- Lamproom staff module
- Visitors module, with video
- Re-induction module.

The lamproom staff module includes a proposed copy of an issue register and exception report form.

- B. A set (17 in total) of A2 size posters depicting the various stages of the AfroxPac donning procedure, the reminder posters (figures 5,6,7) and one A2 size 'Q' card (see figure 8)
- Pocket size 'Q' cards for all the workers
 - Hard hat stickers for all workers
 - Training video
 - A variety of other training materials.
- 3.4 A set (8 in total) of A2 size posters for display in the lamproom.
- 3.5 Short mouthpieces with nose clips to train all trainees on the correct use of the mouthpiece prior to issue of the blue training set.
- 3.6 Pocket size 'Q cards' are recommended, one for every trainee, who has successfully completed their training. The 'Q card' has the six stages of the opening procedure printed in English on the one side and a pictorial version of these steps on the reverse side. We would encourage management to ensure these 'Q cards' are carried daily by the underground workers as it helps to reinforce the training. Team leaders can also be of great assistance by questioning people at the waiting places, etc. on the opening procedures as well as standard mine procedures in the event of an emergency.

The 'Q cards' are also available in A2 size for display in the lamproom or at waiting places underground.

(Figure 5)



**DO YOU HAVE
YOUR "Q" CARD ??**

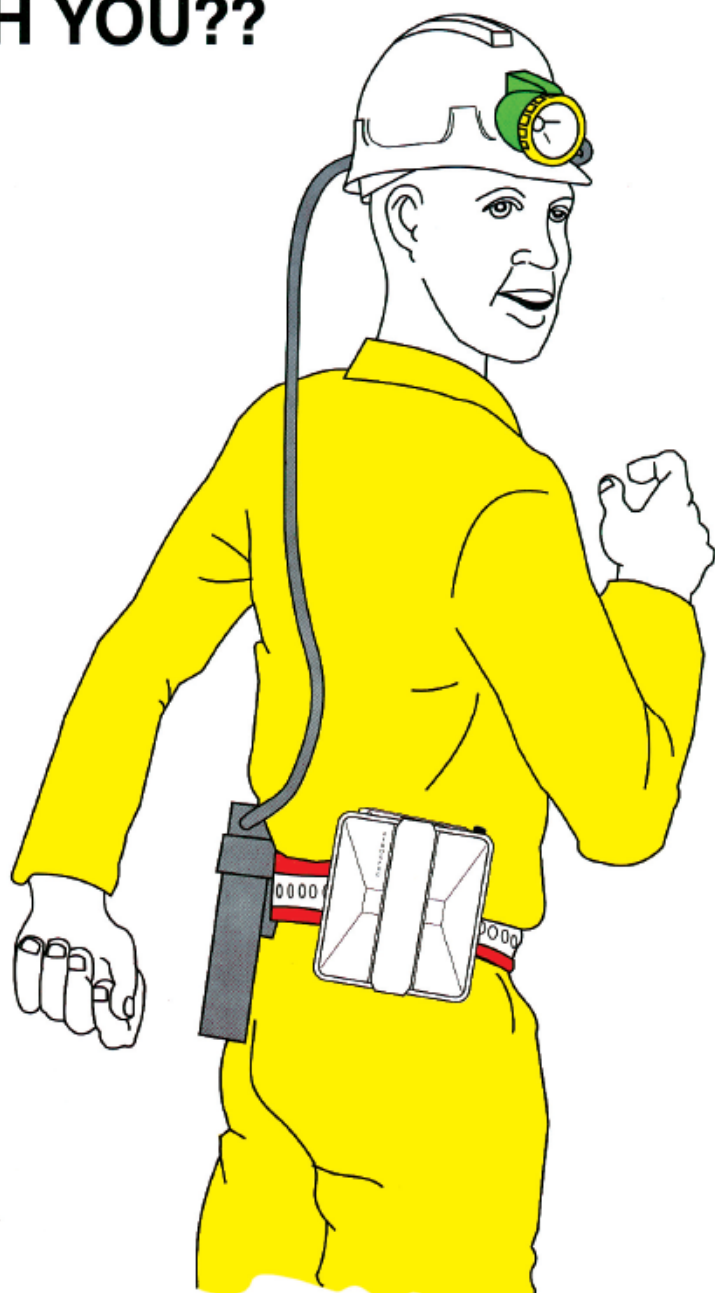
(Figure 6)



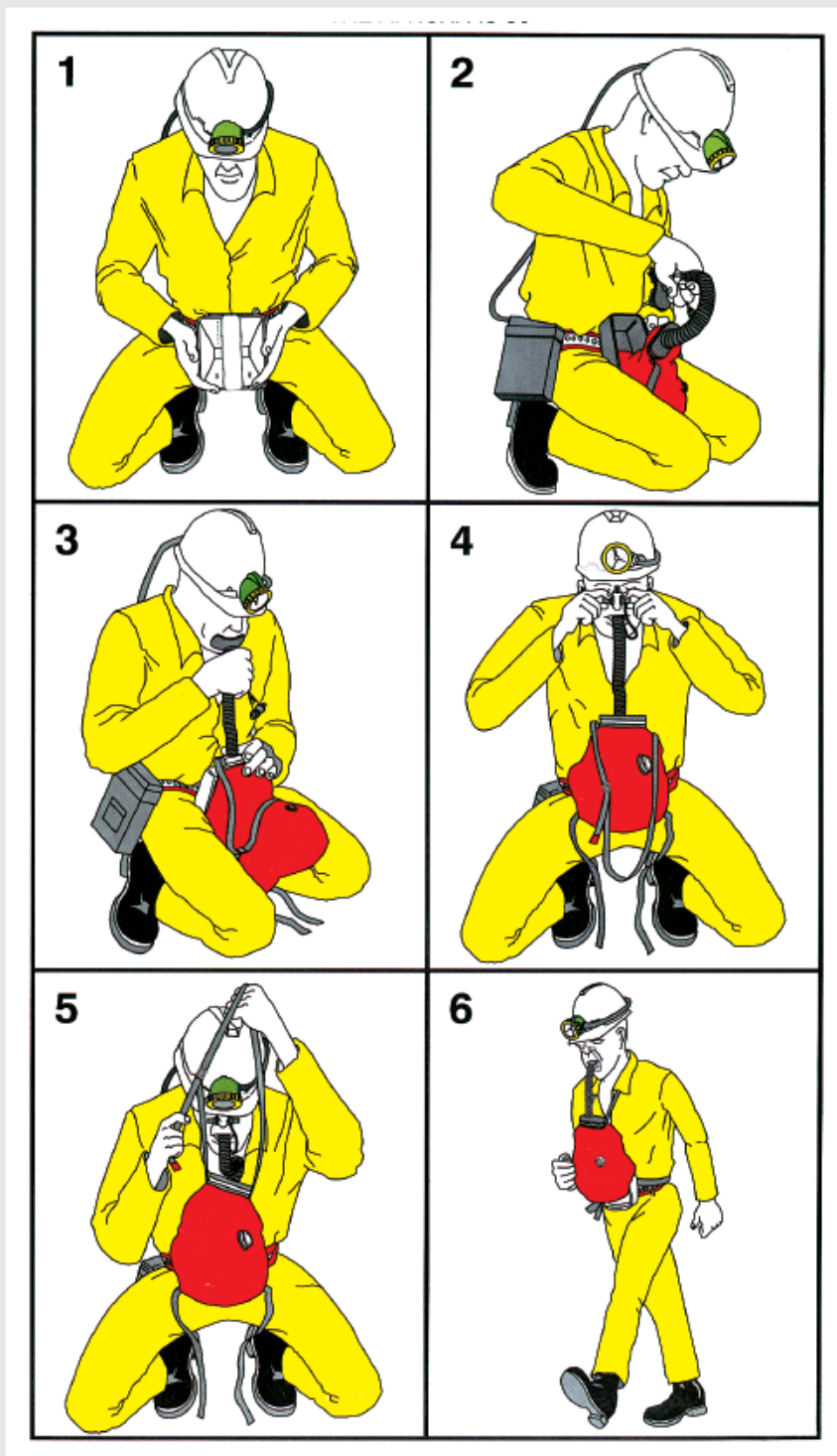
**HAVE YOU
CHECKED
YOUR
RES "Q" PAC??**

(Figure 7)

DO YOU HAVE YOUR RES "Q" PAC WITH YOU??



(Figure 8)



- 3.7 AfroxPac hard hat stickers to be issued to the trainees on completion of the training course.
- 3.8 Training video.
- 3.9 A heat simulator which enables the trainees to breathe hot air, as well as simulating the resistance which would be experienced whilst wearing the AfroxPac in an emergency. Should the mine have another make of heat simulator at their training department, it can be used for the AfroxPac training.

The Afrox heat simulator has two settings. The first is for a temperature of about 50°C and the other approximately 80°C.

The initial training of the mines' training staff and assessments (Certificate of Competence) will be conducted by Afrox at the mine's facility at no charge if the mine is located within the borders of South Africa.

Mines will be charged for follow-up training sessions/refresher courses, and for assessments.

Everyone issued with a SCSR should undergo a simulated escape from their workplace by using the training units once every three months to reinforce their knowledge of the donning procedures. This not only reinforces the donning procedures, but also the mine standard procedures in the event of an emergency. It is required by law that workers be re-trained in the use of ResQpacs every six months.

Training courses are presented by a qualified Afrox Training Officer. On successful completion of a training course, Certificates of Competence (Train the Trainer; Maintenance for lamproom staff) will be issued.

The main topics covered in the training course include:

1. The functioning of the AfroxPac.
2. Reasons for deploying ResQpacs on mines.
3. The components of the AfroxPac
(outer casing as well as ready-for-use apparatus).
4. The donning of the AfroxPac with special emphasis on the six main donning steps.
5. Re-packing of the AfroxPac after demonstration
(including sterilisation of mouthpieces).
6. Daily checking / maintenance procedures.
7. Handling of units that need to be repaired and/or refurbished.
Procedures to be followed to have units repaired/refurbished.