

Baltimore County Fire Department

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: _____ **SCBA Committee Member Name:** _____

Make of SCBA Tested _____

Model of SCBA Tested _____

Name of Employee/Member Evaluating: _____

Station _____ Shift _____

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation. The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews. Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.

Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- a. Overall package profile (uncluttered) 0 1 2 3 4 5
- b. Overall package weight / balance 0 1 2 3 4 5
- c. Components protected from damage 0 1 2 3 4 5
- d. Straps well constructed and padded 0 1 2 3 4 5

e.	Buckles and/or fasteners operate smoothly	0	1	2	3	4	5
f.	Straps are long enough	0	1	2	3	4	5
g.	Cylinder securely fastened to backframe	0	1	2	3	4	5
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	4	5

Comments:

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	5
b.	Overall comfort of backframe and harness	0	1	2	3	4	5
c.	Weight distribution and balance	0	1	2	3	4	5
d.	Mask location/management when not being worn	0	1	2	3	4	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	4	5
f.	Facepiece harness adjustment	0	1	2	3	4	5
g.	Comfort of facepiece	0	1	2	3	4	5
h.	Weight and balance of facepiece when worn	0	1	2	3	4	5
i.	Comfort of seal against face	0	1	2	3	4	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	4	5
k.	Ease of communication while off air	0	1	2	3	4	5
l.	Cylinder valve easy to reach and turn on	0	1	2	3	4	5
m.	Firefighter hood fits easily around facepiece – no gaps	0	1	2	3	4	5
n.	Helmet fits well to facepiece	0	1	2	3	4	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	4	5

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | | | | | | | |
|----|---|---|---|---|---|---|---|
| a. | Regulator easily dismounts from holder | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | Regulator docks easily to facepiece with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| c. | Bypass/Purge valve operates easily with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| d. | Remote gauge easy to read with facepiece donned | 0 | 1 | 2 | 3 | 4 | 5 |
| e. | Field of view with regulator in (look down, up, side to side while holding head straight) | 0 | 1 | 2 | 3 | 4 | 5 |
| f. | Ease of regulator air shutoff and doffing | 0 | 1 | 2 | 3 | 4 | 5 |
| g. | Vision is not distorted when looking to side, up, down | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | | | | | | | |
|----|--|---|---|---|---|---|---|
| a. | Freedom of arm movement | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | SCBA stays centered and secure on back | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator – connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5

7. Comments regarding any Health and Safety Concerns or recommendations

8. General Comments/Additional Features Noted

9. Would you recommend for our Department to buy this SCBA YES _____ NO _____