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SCBA

Donning the SCBA Face Piece

**Lesson Plan 4**

**FIREFIGHTER 1**  
**LESSON PLAN #4**

<b><u>TOPIC:</u></b>	<b>How To Don the Scott SCBA Face Piece</b>
<b><u>LEVEL:</u></b>	<b>2</b>
<b><u>TIME:</u></b>	<b>15 Minutes</b>
<b><u>OBJECTIVES:</u></b>	
<b>Given:</b>	<b>Personal Scott SCBA Face Piece</b>
<b>Performance</b>	<b>The student shall don the Scott SCBA Face Piece</b>
<b>Standard:</b>	<b>Completing all operations within 20 seconds according to the job breakdown.</b>
<b><u>REFERENCES:</u></b>	<b>IFSTA Essentials of Fire Fighting</b>
<b><u>MATERIALS NEEDED:</u></b>	<b>One personal Scott SCBA Face Piece and job breakdown.</b>
One (1) SCBA Face Piece	
One (1) stop watch	
One (1) performance test worksheet	
Manufacturer's procedures manual	

## **PREPARATION**

The self-contained breathing apparatus or SCBA is an essential safety device required for all firefighters who may need to enter into a hostile or IDLH atmosphere. Being able to don the various components of the SCBA is an important skill for all firefighters to have as time and individual safety is paramount.

The Scott SCBA face piece provides essential safety for its wearer. To ensure the full use of all air in your SCBA, a proper fit of your face piece is essential. An improperly fitting face piece could result in loss of working time in a fire emergency and could result in injury or death.

Discuss in general how the SCBA in general provides breathable air to the wearer and how being able to don the SCBA in a quick and efficient manner is vital for firefighters. Turn focus to the face piece and how an ill-fitting face piece can pose hazards such as allowing toxic atmospheres to enter the face piece, or excessive loss of bottled air.

Mention such safety features as the face piece is drop tested to a height of 6 feet and the lens is certified for temperatures up to 500 degrees F. Other features include the fact the exhalation valve is in the regulator and not the face piece unlike some other manufacturers and that the current model of face piece has a mechanical voice amplifier rather than an electronic version.

## **PRESENTATION**

### **OPERATIONS**

1. Grasp the harness and prepare mask for placement.
2. Set face piece
3. Center harness
4. Tighten jowl straps
5. Tighten temple straps
6. Tighten forehead strap
7. Check seal, 10 seconds.

### **KEY POINTS**

Use both hands, placing thumbs inside the face piece, place chin in chin cup pull harness over head with an upward motion. Check harness to ensure mask is centered. Tighten either the jowl straps or temple straps first then move to the next set of straps. Once straps have been tightened check seal by placing palm of hand over the regulator port, suck in to create a vacuum and hold for 10 seconds, according to manufacturer's instructions.

## **APPLICATION**

Face Pieces	Have each student grasp their personal face piece.
Demonstrate	Don face piece at normal speed, including seal check.
Demonstrate	Don face piece again, this time in a step by step method, explaining each step.
Demonstrate	Don face piece again, again at normal speed
Observe	Have students start donning their face piece, observe their progress, encourage success, correct where necessary.
Prepare	Once satisfied by observation students are ready for next step, ask them if they are ready for evaluations.

## **EVALUATION**

Prepare for evaluations

Ensure candidates are ready for evaluations. Explain passing scores, expectations, standards

Written quiz

Quiz can be given either prior to or immediately after practical test. Grade quiz before candidates leave, show scores to each candidate in private. Passing score is 80%

Practical test

Perform the practical test in seclusion with each candidate. The face piece must be donned in no more than 20 seconds. The time will begin on the command "Go." The time will end when the student correctly completes the seal check.

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This concludes this training session. Thank those who participated, ensure any information such as next training session is provided, that all paperwork including roster has been completed.

**Equipment needed:**

Personal Scott SCBA face piece  
One (1) stop watch  
One (1) performance test worksheet

**Behavioral Objective:**

Given:

Performance:

Standard:

With a personal Scott SCBA face piece, the candidate shall don the face piece, including a 10 second seal check within 20 seconds according to the job performance requirements.

# Donning of SCBA Face piece

## Quiz

1. The exhalation valve for the SCBA is located in:
  - a. The face piece
  - b. The SCBA backpack
  - c. The high pressure assembly
  - d. The SCBA regulator
  
2. The face piece lens has been tested to withstand temperatures of up to:
  - a. 400 deg F.
  - b. 500 deg F
  - c. 500 deg C
  - d. 400 deg C.
  
3. True or False: The SCBA Face Piece is drop tested to five (5) feet.
  
4. The SCBA Face Piece has \_\_\_\_ adjustable straps
  - a. 2
  - b. 3
  - c. 4
  - d. 5
  
5. True or False: The voice amplifier on the SCBA Face Piece is mechanical as opposed to electronic.

# Donning of SCBA Face piece

## Answer sheet

1. D
2. B
3. False (6 feet)
4. D
5. True



5.3.1 USE SCBA DURING EMERGENCY OPERATIONS  
 Area: Fire Ground Operations

Skill Sheet: A Standard

Candidate: \_\_\_\_\_ Date: \_\_\_\_\_

STANDARD: <b>5.3.1</b> <b>NFPA 1001, 2013 Edition</b>		TASK: <b>Use SCBA during emergency operations: correctly don SCBA mask in a reasonable amount of time.</b>			
PERFORMANCE OUTCOME: <b>The candidate, shall be able to correctly don the SCBA Face Piece in a reasonable amount of time.</b>					
CONDITIONS: <b>Given a SCBA Face Piece the candidate shall be able to:</b>					
<b>(Time will begin when SCBA donning starts and ends when the face piece is correctly donned.)</b>					
NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	<b>Correctly don face piece including:</b> <input type="checkbox"/> Check seal; and <input type="checkbox"/> All straps properly tightened <b>Completed within 20 seconds</b>				
RETEST APPROVED BY:			RETEST EVALUATOR:		

Evaluator/Candidate Comments:

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\_\_\_\_\_  
 Evaluator (Print & Sign)                      Date                      Candidate                      Date

\_\_\_\_\_  
 Re-Test Evaluator                      Date                      Re-Test Candidate                      Date

# CLASS ROSTER

SUBJECT: .....

DATE: ..... TIME: .....

STUDENT LEVEL: ..... INSTRUCTOR: .....

RE/CERTIFICATION: ..... LOCATION: .....

	NAME & SIGNATURE	WRITTEN SCORE	PRACTICAL PASS/FAIL
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

**SPECIAL NOTE:** The instructor is responsible for ensuring that the class roster is complete and handed in to the Training Division by the end of the shift.