



# **State Firemen's and Fire Marshals' Association of Texas**

4450 Frontier Trail ♦ Austin, Texas 78745-1514 ♦ (512) 454-3473

www.sffma.org ♦ (800) 580-7336

## **PERFORMANCE STANDARDS**

### **SELF-CONTAINED BREATHING APPARATUS # 17**

#### **Recharging an Air Cylinder**

#### **PERFORMANCE STANDARD**

#### **Section 27-2.2**

#### **NFPA 1001 3-5.3**

#### **Intermediate**

#### **OBJECTIVE**

The firefighter shall recharge an expended air cylinder.

#### **INSTRUCTIONS: procedures for achieving the objectives**

You will be given an expended Self-Contained Breathing Apparatus (SCBA) air cylinder to recharge. You must demonstrate and verbalize the steps performed. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE:**

The firefighter will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT:**

Expended SCBA Air Cylinder  
Cylinder Recharging System

#### **REFERENCE SOURCE:**

IFSTA, Self Contained Breathing Apparatus, 2<sup>nd</sup> Edition, Pages 218-221

IFSTA, Essentials of Fire Fighting, 4<sup>th</sup> Edition, Pages 113-118



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Firefighter: \_\_\_\_\_

Notes: \_\_\_\_\_

Dept: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

Evaluator: \_\_\_\_\_

#### **If the firefighter:**

**(No Partial points given)**

<b>*</b>	<b>a.</b>	<b>Checks hydrostatic date on cylinder</b>	<b>P/F</b>	<b>_____</b>
	<b>b.</b>	Places cylinder in fragmentation deflector	1.0	_____
	<b>c.</b>	Connects the high pressure hose to the cylinder	1.0	_____
	<b>d.</b>	Opens the cylinder valve fully	1.0	_____
	<b>e.</b>	Opens the charging hose valve(s)	1.0	_____
	<b>f.</b>	Closes cylinder valve when full	1.0	_____
	<b>g.</b>	Closes charging hose valve	1.0	_____
	<b>h.</b>	Bleeds residual pressure off charging hose	1.0	_____
	<b>i.</b>	Disconnects high pressure hose from cylinder	1.0	_____
	<b>j.</b>	Removes cylinder from fragmentation deflector	1.0	_____

Total points possible: 9

Total points needed to pass: 7

Total points scored by this firefighter: \_\_\_\_\_

All mandatory steps successfully passed: YES \_\_\_\_\_ NO \_\_\_\_\_

Performance rating of firefighter on this standard: PASS \_\_\_\_\_ FAIL \_\_\_\_\_

Circle one: First Attempt Retest

\* Denotes mandatory passage of this step