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County of Erie  
Department of  
Emergency Services  
Division of Fire Safety

2015

NYS OFPC

Firefighter 1

Student Packet

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As of: 1/27/15



# COUNTY OF ERIE

MARK POLONCARZ

COUNTY EXECUTIVE

DANIEL J. NEAVERTH JR.  
Commissioner

JAMES M. McCULLOUGH  
Deputy Commissioner  
Fire Safety

## DEPARTMENT OF EMERGENCY SERVICES

Division of Fire Safety

EMERGENCY SERVICES TRAINING & OPERATIONS CENTER

3359 Broadway – Cheektowaga NY 14227

[www.erie.gov/fire](http://www.erie.gov/fire) – [fire@erie.gov](mailto:fire@erie.gov)

716/681-7111 – FAX/681-3645

EARL R. SCHMITTENDORF  
Deputy Fire Coordinator

Dear Fire Chief and/or Training Officer:

Your firefighter has enrolled in a Firefighter I training course conducted by the New York State Office of Fire Prevention and Control. Together, we strive to give your firefighter the best fire training experience and we are asking for your support during this course to accomplish that goal. Your leadership and guidance will help your firefighter succeed.

The 2015 edition of Firefighter I has been updated to meet the 2013 Editions of NFPA Standards 1001 and 574. In order to accomplish this task, thirteen (13) hours were added to skills sessions to accommodate necessary skills bringing Firefighter I to a total of (104) hours.

NYS OFPC has also switched to a new curriculum and student manual publisher: the IFSTA Essentials of Fire Fighting and Fire Department Operations, 6th Ed. We encourage you and your student to visit [www.r1.ifsta.org](http://www.r1.ifsta.org), register and review the excellent free resources it offers.

Unless otherwise noted, all 14-hour Firefighter 1 Orientations are held at the Erie County Emergency Services Training & Operations Center in Cheektowaga. Please see the Erie County Emergency Services Training Schedule at [www.erie.gov/fire](http://www.erie.gov/fire) for the date and time of the first (orientation) class.

A chief or training officer are requested to attend the first two (2) hours [only] of this first lesson which provides the student with course requirements, instructor expectations and course completion policies to prepare the student firefighter for the educational tasks ahead. The instructor will also explain any need for your department to occasionally supply equipment, apparatus and/or experienced firefighters to assist in the training of your new firefighter. If you are unable to attend, please send an assistant chief, training officer or other appropriate representative.

Accompanying your firefighter to this orientation lesson will demonstrate your commitment to your firefighter's training and demonstrate the importance you place on your firefighter being well trained and prepared to perform the best, but most dangerous job in the world.

Please ensure that your firefighter brings a completed and signed New York State Office of Fire Prevention and Control Training Authorization letter. That letter must be signed by a chief officer stating the student has completed a mask fit test and received medical clearance for S.C.B.A. use. This form is included in the 2015 Firefighter 1 Student Packet or can be downloaded from the Erie County Fire Safety web site at <http://www.erie.gov/fire>.

## REGARDING THE AIR CONSUMPTION TEST:

Details of what is included in the Task Oriented Air Consumption test are included in this 2015 Firefighter 1 Student Packet. We encourage you and your student to watch the video we created to learn what will be expected of each student and what they should start practicing for:

<http://www.youtube.com/watch?v=IRo2SnrR9cg&feature=youtu.be>

The air consumption test is not a race, but a test of physical abilities and endurance that establishes a personal benchmark for the firefighter to understand just how long a nominal 30 minute air bottle may last them under firefighter working conditions. Instructors will work with each student to prepare them to be successful in this training scenario.

Recruit Firefighters must complete all eight (8) stations and stay on breathing air for a minimum of 10 minutes. Once all eight (8) stations are completed and the student still has air left in their SCBA cylinder, they will continue to rotate through each station until such time that their air is completely breathed down from their bottle. Each firefighter is partnered with a shadow/escort who monitors them frequently and records their air consumption and time after each station.

Those students who are not successful in the Air Consumption Test will continue on to the HazMat module and should also apply for one of the new BEFO-Basic Exterior Firefighting Operations course that will be offered. Review the attachment, check out the video and start preparing. Please share with all existing and future Firefighter 1 students.

## REGARDING SKILLS:

- There are a total of (68) skills to be completed during the 2015 edition of the Firefighter I program.
- Sixteen (16) of these skills need to be accomplished in the Firefighter I candidate's home department.
- Several of these skills are better accomplished there using the firefighter's home equipment in a manner that best suits the guidelines of their department.
- Two of the skills [hose loads] are *optional* and do not have to be completed if the department does not use them.

We encourage you to use these skill sheets as a tool to make your Firefighter I candidate a better firefighter for you. The list of required skills to be accomplished at the home department are included in this 2015 Firefighter 1 Student Packet, again in the skill sheets that each candidate will receive in class and further explained in the IFSTA Essentials of Fire Fighting and Fire Department Operations, 6th Ed. Your firefighter and you can also access videos of the skills and other free training resources online at [www.r1.ifsta.org](http://www.r1.ifsta.org).

Please take the time to ensure your candidate knows the skills. The instructors may choose to evaluate the candidates on a portion of these skills during the course and *any* of these skills may be chosen for the final skills evaluation to be held at the end of the course.

In the meantime, please do not hesitate to contact us or the lead instructor should you have any questions or require further information. Thanks in advance for your cooperation and commitment to the success of your firefighter student.

### **Course Coordinators:**

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As of: 5/27/15

NEW YORK STATE  
DIVISION OF HOMELAND SECURITY AND EMERGENCY SERVICES  
OFFICE OF FIRE PREVENTION AND CONTROL

**Firefighter 1, Firefighter 2 and  
Basic Exterior Firefighting Operations (BEFO)  
2015 Edition  
Fact Sheet**

Required Textbook for Four (4) classes

*IFSTA/Brady – Essentials of Firefighting AND Fire Department Operations, 6<sup>th</sup> Edition  
State Fire Instructors will NOT have textbooks to loan to students during the courses.*

Firefighter-1 (January 1, 2015)

- Designed for Interior-Structural Firefighter who will operate under direct supervision
- Need Training Authorization Letter to attend and participate
- Updated fire behavior presentation and live fire events
- Skills videos available at [r1.ifsta.org](http://r1.ifsta.org)
- Total of 104 student contact hours – 29 units (Currently 91 hours- 28 units)
- Presentation lessons are 3-hours each/ Skills lessons are 4-hours each
  - o Current skills lessons frequently run over the three hour time
- Added skills time for ground ladders, PPE/SCBA, building search, and ventilation
- Added class time for fire behavior and building construction
- Task Oriented Air Consumption evolution (TOAC)
- Separate written testing for Haz Mat First Responder Ops during course
- Skills Homework: hose rolls, maintenance and cleaning of hose, rope, and ladder, etc.
- Homework: FEMA ICS-100, IS-700 on-line course completion
- First Aid and CPR required to graduate (ARC, AHA, NSC) EMT/CFR meet and exceed first aid requirement. (Certification need not be current).
- Brief reading assessment at lesson 4
- Final skills testing, written mid-term and final evaluations (min score 70% on each)
- Blended learning version release (Spring 2015)

Basic Exterior Firefighting Operations (replaces Scene Support Ops) (January 1, 2015)

- Replaces SSO-Scene Support Operations
- Designed for participants who WILL NOT be in a position to breathe smoke or other contaminants  
- NO SCBA USE
- More closely matches lessons of Firefighter-1 appropriate to non-interior responder
  - o Enhanced fire behavior, ground ladders, and forcible entry tools familiarity , and evaluation time
  - o Added building construction
- Total of 42 hours - 12 lessons (SSO is 27 hours in 9 lessons)
- Presentation lessons are 3-hours each/ Skills lessons are 4-hours each
  - o Current skills lessons frequently run over the three hour time
- Uses same book as FF-1, FF-2, Hazardous Materials First Responder Ops
- Homework FEMA ICS-100 basic ICS and IS-700 National Incident Management System

## Firefighter-2 (Spring 2015)

- Designed for firefighter to work under general supervision and as senior firefighter preparing to become an officer
- Need Training Authorization Letter to attend and participate
- 42 student contact hours – 12 units (currently 27 hours- 9 units)
- Presentation lessons are 3-hours each/Skills lessons are 4-hours each
  - o Current skills lessons frequently run over the three hour time
- Addition of 11-hours of vehicle rescue
- Hydrant testing removed
- Standpipe system skills added
- “Right-Front Seat” operations introduction
- Updated structural live fire evolutions

# 2015 Firefighter 1

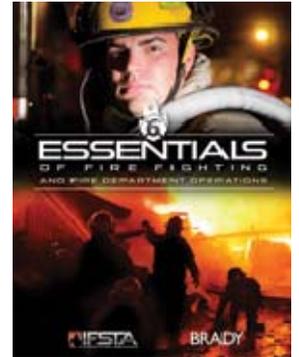
## Course Preparation Suggestions:

Delivery of this 104-hour Firefighter 1 course will be very labor intensive for both the students and the instructors. Some sections of this course are very physically and intellectually challenging. If you are not conditioned, you may struggle to get through the evolutions necessary to pass the course. While everyone involved is dedicated to ensuring your success, you must be equally dedicated and prepared.

If you have any physical or learning limitations that may impact your successful completion of the course, please make the lead instructor aware of the situation prior to, or at the start of the course.

Following is a list of suggestions to better prepare you before coming to your assigned course:

1. All of the required reading is from the IFSTA Essentials of Fire Fighting and Fire Department Operations, 6th Ed. This book is required at the first class and they may be purchased at the Fire Safety Office at a cost of \$85 each. Your fire company or fire district will be billed by the Erie County Fire Chiefs Mutual Aid Organization. If you are purchasing elsewhere – be sure that you are buying the version that includes “Fire Department Operations.”
2. Visit and register your student at: [www.r1.ifsta.org](http://www.r1.ifsta.org) and review the excellent free resources it offers.
3. All 14-hour Firefighter 1 Orientations are held at the Erie County Emergency Services Training & Operations Center in Cheektowaga.



Watch this video to learn what will be expected of you and what you should start practicing for:  
<http://www.youtube.com/watch?v=IRo2SnrR9cg&feature=youtu.be>

4. The air consumption test is not a race, but a test of physical abilities and endurance that establishes a personal benchmark for you to understand just how long a nominal 30 minute air bottle may last you under firefighter working conditions. Instructors will work with you to prepare you to be successful in this training scenario.
5. It consists of eight (8) stations that simulate real firefighter tasks to be completed on the fireground:
6. Hose Carry/Stair Climb
7. Hose Stretch & Hose Pull
8. Tool Lift/Carry
9. Ladder Raise
10. Forcible Entry
11. Search
12. Rescue
13. Ceiling Push/Pull
- 14.

Recruit Firefighters must complete all eight (8) stations and stay on breathing air for a minimum of 10 minutes. Once all eight (8) stations are completed and the student still has air left in their SCBA cylinder, they will continue to rotate through each station until such time that their air is completely breathed down from their bottle. Each firefighter is partnered with a shadow/escort who monitors them frequently and records their air consumption and time after each station.

15. Those students who are not successful in the Air Consumption Test will continue on to the HazMat module and should also apply for the new BEFO-Basic Exterior Firefighting Operations course that will be announced shortly.
16. Review the attachment, check out the video and start preparing. Please share with all existing and future Firefighter 1 students.
- 17.
18. Complete the Introductory Incident Command Course IS-100 course online at: <http://training.fema.gov/emiweb/is/is100b.asp> and bring your certificate of completion with you to class.
19. Practice putting on and taking off your Personal Protective Equipment (PPE), including gloves and hood. Make sure that the PPE is good fitting and compliant for the fire service. No non-compliant fire gear will be permitted.
20. Practice 'donning and doffing your SCBA on top of your PPE. The national standard we will be striving for is for you to don your complete PPE and SCBA in less than two minutes.
21. Be sure to always have hydration materials with you and hydrate frequently.
22. All registered students and designated alternates must bring the following items to the first unit of the course:
  - Completed and signed NYS OFPC Training Authorization Letter (Form can be downloaded from [www.erie.gov/fire](http://www.erie.gov/fire))
  - IFSTA Essentials of Fire Fighting and Fire Department Operations, 6th Ed. (Available for purchase at the Training & Operations Center)
  - Complete set of Personal Protective Equipment including helmet, hood, coat, pants, boots, firefighting gloves in good working condition; and complete SCBA with one extra spare SCBA bottle (two total.) All SCBA bottles must be hydrostatic tested compliant. Face pieces must be fit tested to the student.
  - One (1) 15 ft. length of ½" kern mantle rope (no close line)
23. All registered students must attend the first unit of the course or their seat will be forfeited. Contact the instructor if you are unable to attend the first unit.
24. Fire departments sending recruits to the Firefighter 1 course are expected to provide equipment, manpower and/or apparatus as requested to assist in the course delivery. Please be sure all equipment has been properly inspected and certified including hose, ladders, pumps etc. See attached class schedule/reading assignments for list of needed equipment.

As of: 5/27/15

<b>ERIE COUNTY DIV. OF FIRE SAFETY – TRAINING GUIDELINES</b>				
SOG#	SUPERSEDES	CREATED	LAST UPDATED	REVISION#
1009	---	03/02	---	0
SECTION		AREA		
Training		SCBA Face-piece Seal Protection		

**1009.01 Scope:**

This training procedure establishes guidelines for ensuring the safety of training participants with facial hair or other conditions that may impede the SCBA face-piece to face seal.

**1009.02 Background:**

While it is the responsibility of each firefighter’s employer to ensure their compliance with appropriate OSHA regulations, it is ultimately the responsibility of Erie County Fire Safety Instructors to ensure the safety of all participants.

Thus, it is this division’s policy to enforce compliance with OSHA Respiratory Protection Standard 29 CFR 1910.134 of students participating at county training facilities or under the direction of county fire instructors.

This policy is a reiteration of the above mentioned OSHA standard and OSHA’s standard interpretations of this policy.

**1009.03 Seal Protection Policy:**

Per the above referenced OSHA standard, students shall not be allowed to wear SCBA or be permitted to participate in evolutions which may expose them to smoke or toxic environments (live fire):

1. If they have facial hair (including beard, goatee or moustache) that comes between the sealing surface of the face-piece and the face, and/or
2. If they have any other condition that may interfere with a proper face to face-piece seal or valve function

This is applicable to fire training situations as well as confined-space training programs.

## NYS OFPC Firefighter-1 Task Oriented Air Consumption Evolution

### Erie County Training and Operations Center Equipment List

Station #1 – Stair Climb – Using indoor tower stairs participants will climb to the top of the 3<sup>rd</sup> set of stairs and return back to the entry door while carrying a 50ft. section of 2 ½” hose packed into a dual stack shoulder load approximately 3ft in length.

Needs: 2 – 50’ sections of 2 ½” hose and duct tape to secure the hose

**Participants will read their remote pressure gauge and report their air pressure to their escort who will document the reading and the time after completion of each station’s task. The escort will need to start the stop watch when the participant begins breathing air from their cylinder and only stops it when the participant exhausts the air from the cylinder and steps off the course.**

***After the completion of each station, participants will then walk a recovery lap around two cones placed 40’ apart located in the middle of the course. It is not required to walk a recovery lap between stations 2a and 2b.***

Station #2a- Hose stretch – The participants will drag an 1 ¾” hose and “sled” to a cone 35’ away and return it to the starting point. The “sled” contains the remaining 40’ of hose and an additional 30 lbs. of weight in a reinforced milk crate. The participant will place the attached nozzle and 8’ of hose over their shoulder and across their chest to drag the sled the required distance. They will then proceed directly to Station 2b without a recovery lap around the cones.

Needs: 1- 50’ section of 1 ¾” hose, automatic fog nozzle, milk crate, 30 lbs of weight, two cones and method to secure hose to milk crate

Station #2b – Hose pull – The participant will go down on at least one knee and pull the 1 ¾” hose until the coupling returns to them. The 1 ¾” hose will be connected to itself and looped around the base of the hydrant located near the North overhead apparatus door. The coupling will be placed at the furthest distance away from the hydrant.

Needs: 1-50’ section of 1 ¾” hose and secured fire hydrant or bollard with room for the hose coupling to clear as it passes around.

Station #3 – Saw Carry – The participant approaches the simulated apparatus cabinet and removes each saw from the cabinet and places it on the ground. The participant then carries both saws and walks 75’ to a marked cone and returns to the simulated cabinet. The participant then returns each of the saws to the cabinet one at a time.

Needs: 1 – rotary/ rescue saw (preferred 30 lbs + or – 3 lbs.), fire chain vent saw (preferred 28 lbs. + or – 3 lbs.), simulated apparatus cabinet with shelf 4’ from the ground, one cone located 75’ from the cabinet.

Station #4 – Ladder raise – Participant approaches the secured 24’ extension ladder (secured to the simulated window at the end of the floor collapse simulator) and hoists the fly of the ladder all the way up using a hand over hand method without stopping and returns it to the ground in a controlled manner without allowing it to drop.

Needs: 1 -24’ fire service extension ladder, brackets to secure the ladder to the wall that would allow the fly section to be extended completely out using the halyard.

Station #5 – Forcible Entry – participants will approach the table with mounted and inflated tire and strike the tire with an ten pound sledgehammer until the tire moves from one end of the table and returns to its starting point.

Needs: reinforced table, mounted and inflated truck tire, ten pound sledgehammer.

Station #6 – Search – participants will approach the first floor of the SCBA Maze and follow a right or left hand search pattern preceding 64’ through a darkened search area with obstacles.

Needs: simple pattern arranged in the first floor of the SCBA maze with some obstacles. The area needs to be darkened. (see attached document for guides to creating obstacles)

Station #7 – Rescue – Participant approaches the 165 lb. mannequin and drags it 35’ around a cone and returns it to the starting point.

Needs: 165 lb. mannequin, one cone to mark the 35’ distance

Station #8 – Ceiling push/ pull – participant will approach the ceiling breach simulator and complete 2-sets of 3 repetitions of pushing the ceiling plate up and 5 repetitions of pulling the hook down using a 6’ pike pole.

Needs: ceiling breach simulator, 6’ pike pole without handle. (ceiling push up plate is 60 lbs. and the pull down mechanism is 80 lbs.)

When the participants complete all 8 stations they proceed to station #1 and continue working the course until they run nearly out of air. When they completely expend all of the air in their cylinder, the evolution ends for them. Each participant’s escort will document the time and air pressure readings and return the document to the Participant for review. Once the participant reviews the document they will give it to the lead instructor.

To keep the flow of participants moving, assign the participants to 5 companies of 4 – 5 participants each. The first company to run the course will be escorted by company 3 members. This allows company 2 to be prepared to begin the course as soon as company 1 clears the course. Company 2 will be escorted by company 4. Company 3 will be escorted by company 5. Company 4 will be escorted by company 1 who should be ready after their period in rehab. Company 5 will be escorted by company 2.

NYS FIREFIGHTER I  
INSTRUCTOR  
COURSE SCHEDULE

NFPA 472 [2013] & 1001 [2013]

Unit / Time	UNIT	READING	INSTRS
Unit 1 3 hours	<b>Orientation</b> - Registration, Attendance, Testing, and Course Overview; Issue take home skills; Intro to Fire Service/FD Organization; FF Safety [Officer orientation]	IFSTA Ch 1; Ch 2	2
Unit 2 4 hours	Firefighter PPE; SCBA presentation; PPE/SCBA skills 6-I-1 to 6-I-5, 6-I-10 to 6-I-12, 9-I-9	IFSTA Ch 6	3
Unit 3 4 hours	complete PPE/SCBA Skills; SCBA Emergencies; TOAC; homework quiz issued		4
Unit 4 3 hours	Fire Behavior – brief reading assessment	IFSTA Ch 5	1
Unit 5 4 hours	Haz Mat presentation	IFSTA Ch 23	1
Unit 6 4 hours	Haz Mat presentation	IFSTA Ch 23	1
Unit 7 4 hours	Haz Mat presentation; Haz Mat activities 24-I-7 to 11	IFSTA Ch 24	2
Unit 8 4 hours	Haz Mat Skills 24-I-1, 24-I-2, 24-I-12; Haz Mat written exam; Haz Mat activities continued	IFSTA Ch 24	2
Unit 9 3 hours	Building Construction presentation	IFSTA Ch 4	1
Unit 10 3 hours	FD Communication/Portable Ext Present	IFSTA Ch 3; Ch 7	1
Unit 11 3 hours	Ropes/ Knots/ Scene lighting presentation; homework quiz issued; Skills 8-I-2 to 8-I-18	IFSTA Ch 8; pgs. 479-484	3
Unit 12 4 hours	Structural search; Victim Removal; Skills 9-I-1, 3, 4, 5, 6, 7, 17	IFSTA Ch 9	3
Unit 13 4 hours	Ground ladders presentation; mid-term exam; Skills 12-I-2, 3, 6, 7, 8, 9, 10, 16, 17	IFSTA Ch 12	3
Unit 14 4 hours	Ladder skills continued; 12-I-4, 5, 12, 18, 19		3
Unit 15 3 hours	Forcible Entry/Tactical Vent presentation; homework quiz issued	IFSTA Ch 11; Ch 13	1
Unit 16 4 hours	Forcible Entry/Tactical Vent Skills 11-I-3 to 8, 13-I-1 to 3, 13-I-5 to 8		3



Unit 17 3 hours	Water Supply/Hose presentation	IFSTA Ch 14; Ch 15	1
Unit 18 3 hours	Fire Streams presentation	IFSTA Ch 16	1
Unit 19 4 hours	Hose Skills 14-I-1 to 4; 15-I-5, 9, 12, 15, 24, 25, 26, 27; 16-I-1 to 3, 17-I-7		4
Unit 20 3 hours	Fire Control presentation; homework quiz issued	IFSTA Ch 17	1
Unit 21 4 hours	Survival Skills: 9-I-8, 11, 11 A, 12, 12 A, 14, 15, 16		3
Unit 22 4 hours	Initial Company Ops - see instructor direction		3
Unit 23 4 hours	Vehicle Fires and Portable Extinguishers; Skills 7-I-1 to 3, 17-I-8		4
Unit 24 4 hours	Structural fires 1; Skill 17-I-1 A		4
Unit 25 4 hours	Structural Fires 2; Skill 17-I-1 B		4
Unit 26 3 hours	Loss Control/Origin and Cause presentation; Activities 18-I-8 to 11	IFSTA Ch 18; Ch 19	1
Unit 27 3 hours	Life safety initiatives/CS Awareness presentation; homework quiz issued; review	IFSTA Ch 21; pgs. 538-540	1
Unit 28 4 hours	Skills review and testing		3
Unit 29 3 hours	Testing - written/skills		3

- 16 Homework skills to be signed off by home FD: NYS Skill Sheets 2-I-1; 2-I-2; 6-I-6 & 7; 6-I-8 & 9; 8-I-1; 10-I-1; 11-I-1; 11-I-2; 12-I-1; 15-I-1 & 2; 15-I-3 & 4; 15-I-6; 15-I-10 & 14; 15-I-11 & 14; 18-I-1, 2 & 3; 18-I-6 & 7.
- Students required to complete First-Aid, CPR, I-100.b, and IS-700.a prior to graduation to receive certificate
- Reading assignments to be completed before class listed.
- If combined BEFO course, students will attend the pertinent units as listed in Basic Exterior Firefighting Operations 42 hour model
- Take home quizzes are due at session following issue.



# NYS Firefighter I

## Skills Sheets by FFI Unit [2015 Edition]

### **TO BE COMPLETED AT HOME DEPARTMENT**

Skill 2-I-1	Respond on an Apparatus to an Emergency Scene
Skill 2-I-2	Operate in Established Work Area at Emergency Scene
Skill 6-I-6, 7	Inspection, Cleaning and Sanitizing of SCBA
Skill 6-I-8, 9	Filling SCBA Cylinder
Skill 8-I-1	Clean and Inspect Rope
Skill 10-I-1	Emergency Scene Illumination
Skill 11-I-1	Hand Tool Maintenance
Skill 11-I-2	Power Tool Maintenance
Skill 12-I-1	Clean, Inspect, and Maintain a Ladder
Skill 15-I-1, 2	Basic Hose Use
Skill 15-I-3, 4	Rolling Hose
Skill 15-I-6	Loading/ Advancing an Accordion Load
Skill 15-I-10, 14	Loading/ Advancing a Triple-Layer Load (use if FD utilizes Load)
Skill 15-I-11, 14	Loading/ Advancing a Pre-Connected Minuteman Load (use if FD utilizes Load)
Skill 18-I-1, 2, 3	Roll, Spread, Clean and Inspect a Salvage Cover- 1 FF Method
Skill 18-I-6, 7	Salvage Cover Fold and Balloon Toss Spread- 2 FF Method

### **UNIT 2 & 3**

Skill 6-I-1	Donning Personal Protective Equipment
Skill 6-I-2, 3, 4	Donning Self-Contained Breathing Apparatus
Skill 6-I-5	Doffing Personal Protective Equipment and SCBA
Skill 6-I-10	One-person SCBA bottle change
Skill 6-I-11	Two-person SCBA bottle change
Skill 6-I-12	Air Consumption Exercise
Skill 9-I-9	SCBA Emergency Procedures

### **Unit 7 & 8 Skills**

Skill 24-I-1	Identify hazards using NAERG
Skill 24-I-2	Perform emergency decontamination of victim
Skill 24-I-12	Using air monitor

### **Unit 11**

Skill 8-I-2 to 12	Knots
Skill 8-I-13 to 18	Hoisting Tools and Equipment

### **Unit 12**

Skill 9-I-1	Conduct a primary search in a structure
Skill 9-I-3, 5, 6, 7	Victim carries and drags
Skill 9-I-4	Interior firefighter drags
Skill 9-I-17	Placing a patient on a backboard and stokes basket

### **Unit 13 & 14**

Skill 12-I-2	Single FF- Single Ladder- Low Shoulder Carry
Skill 12-I-3	Two Firefighter – Low Shoulder Carry
Skill 12-I-4	Three FF- Flat Shoulder Carry Method
Skill 12-I-5	Three FF – Flat Arm Carry
Skill 12-I-6	Two FF Arm’s Length on Edge Carry Method
Skill 12-I-8, 17	One FF Beam Raise a Ladder, leg lock
Skill 12-I-7, 9	Two FF Flat Ladder Raise, Tie a Halyard
Skill 12-I-10, 16	Two FF Beam Raise, Heel a Ladder
Skill 12-I-12	One FF Roof Ladder Deployment
Skill 12-I-18	Assist a Conscious Victim Down a Ground Ladder
Skill 12-I-19	Cradle Carry an Unconscious Victim down a Ground Ladder

### **Unit 16**

Skill 11-I-3 to 8	Forcible Entry Skills
Skill 13-I-1, 2	Negative Pressure Ventilation
Skill 13-I-3	Positive Pressure Ventilation
Skill 13-I-5 to 8	Vertical Roof Ventilation

### **Unit 19 Skills**

Skill 14-I-1, 2; 15-I-12, 13	Hydrant Connection & Operation
Skill 14-I-3, 4	Deploy a Portable Tank and Static Suction Line
Skill 15-I-5	Loading a Flat Load
Skill 15-I-9, 14	Loading/ Advancing a Pre-Connected Flat Load
Skill 15-I-24, 25	Large Hose Line Operation
Skill 15-I-26, 27	Replacing a Burst Hoseline/ Extend a Hoseline
Skill 16-I-1, 2, 3	Operating a Nozzle
Skill 17-I-7	Deploy Master Stream Device

### **Unit 21**

Skill 9-I-8	Calling the Mayday
Skill 9-I-11	Low Profile Wall Breach
Skill 9-I-11 A	Full Escape Maneuver
Skill 9-I-12	Reverse Swim Dive Maneuver
Skill 9-I-12 A	Swim Dive Maneuver
Skill 9-I-14	Disentanglement Maneuver
Skill 9-I-15	Follow Hoseline
Skill 9-I-16	Window Hang and Drop

### **Unit 23**

Skill 7-I-1, 2, 3	Operating Portable fire extinguishers
Skill 17-I-8	Passenger Vehicle Fire

### **Unit 24**

Skill 17-I-1B	Company Operations/ Coordinated Attack- Structure Fire #1
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### **Unit 25**

Skill 17-I-1A	Transitional to Interior Attack- Structure Fire #2
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# Donning Personal Protective Equipment

NFPA 1001 [2013] - 5.1.2, 5.3.1, 5.3.2, 5.3.3

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

## NYS Skill Sheet 6-I-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a complete set of PPE, will don full personal protective equipment, according to manufacturer's recommendations, within 1 minute as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6<sup>TH</sup> ed.

***Time limit for this station is 1 minute. Timing starts when the candidate first touches any article of turnout gear after telling the evaluator they are ready to start.***

Criteria:	Pass	Fail
Don Boots and Pants [includes all fasteners and suspenders].		
Don Protective hood.		
Don Coat with closure secure and collar up.		
Don helmet with eye protection on and chin strap in place and fastened.		
Don structural firefighting gloves [no skin at wrist exposed].		

**Evaluator Notes**



## Donning Self-Contained Breathing Apparatus

NFPA 1001 [2013] - 5.3.1, 5.3.2, 5.3.3

DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

### NYS Skill Sheet 6-I-2, 6-I-3, 6-I-4

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given SCBA, and PASS device and structural personal protective clothing in place, shall demonstrate the donning of SCBA, according to manufacturer's recommendations, within one minute. The student may use any approved method for donning the SCBA and must be on air for the time to stop, as outlined in in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6<sup>TH</sup> ed.

**Note:** For SCBA without integrated PASS device, the time will not stop until the accessory PASS device has been enabled.

**Time limit for this station is 1 minute. Timing starts when the candidate first touches SCBA after telling the evaluator they are ready to start.**

Criteria:	Pass	Fail
Position SCBA with valve end away and cylinder down. All harness straps extended.		
Open cylinder valve completely. Listen for integrated PASS alarm if equipped. Listen for low air alarm.		
Check cylinder gauge and regulator gauge and ensure within manufacturer's recommended limits.		
Don SCBA using any approved donning method [all straps cinched].		
Don SCBA facepiece over the head and securely tighten the straps pulling straight back, not to the side. Test for proper seal.		
Don hood [no skin exposed] and helmet [chin strap cinched/under chin].		
Activate PASS device [if not integrated].		
Don gloves [no skin at wrist exposed].		
Connect air supply to facepiece.		

**Evaluator Notes**



# Doffing Personal Protective Equipment and SCBA

NFPA 1001 [2013] 5.1.2, 5.3.2, 5.3.3

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

## NYS Skill Sheet 6-I-5

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing a complete set of PPE and SCBA, will doff personal protective equipment and SCBA and prepare for reuse, as outlined in IFSTA Essentials of Fire Fighting and Fire Department Operations, 6<sup>TH</sup> ed.

Criteria:	Pass	Fail
Remove facepiece and SCBA.		
Close cylinder valve completely.		
Bleed air from high and low pressure hoses, listen for low air alarm activation.		
Check air cylinder pressure and replace or refill cylinder if less than 90 percent of rated capacity.		
Return all straps, valves and components to ready state.		
Inspect SCBA and facepiece for damage and need for cleaning.		
Clean equipment as needed and remove damaged equipment from service and report to company officer.		
Place SCBA back in storage area so it is ready for immediate use.		
Remove protective clothing.		
Inspect PPE for damage and need for cleaning.		
Clean equipment as needed and remove damaged equipment from service and report to company officer.		
Place clothing in a ready state.		

**Evaluator Notes**



# Air Consumption Exercises

NFPA 1001 [2013] - 5.3.1, 5.3.5

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

## NYS Skill Sheet 6-I-12

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing a complete set of PPE and SCBA, shall consume a complete volume of air from their SCBA while performing simulated fire ground tasks, so that their breathing rate will be increased. The objective is to obtain a better understanding of the individual work time, under fireground conditions, comparing the rate in minutes to pounds per square inch in accordance with IFSTA Essentials of Fire Fighting and Fire Department Operations, 6<sup>TH</sup> ed.

Criteria:	Pass	Fail
<b>AIR CONSUMPTION Drill # 1 walking/ talking in complete PPE/ SCBA</b>		
Firefighter properly wears PPE and SCBA.		
Firefighter's BOTTLE SIZE [i.e 30 min, 45 min, 60 min]:		
Firefighter's STARTING Air Cylinder PSI:		
Firefighter's START TIME:		
Firefighter completes course as laid out by INSTRUCTOR.		
Firefighter's Lap Number:		
Low Alarm Activation TIME:		
Firefighter's Empty Bottle END TIME:		
Firefighter's Total Operational TIME:		
<b>AIR CONSUMPTION Drill # 2 Task Oriented Air Consumption / 8 Skill Stations</b>		
Firefighter properly wears PPE and SCBA.		
Firefighter's BOTTLE SIZE [i.e 30 min, 45 min, 60 min] Bled down to approximate 30 min cylinder pressure prior to beginning the evolution:		
Firefighter's STARTING Air Cylinder PSI:		
Firefighter's START TIME:		
Firefighter completes course as laid out by INSTRUCTOR [8 skill stations as per Lesson Plan].		
Firefighter identifies remaining cylinder pressure after each station and communicates it to their escort.		
Firefighter's Lap Number		
Low Alarm Activation TIME:		
Firefighter's Empty Bottle END TIME:		
Firefighter's Total Operational TIME [TIME MUST EXCEED 10 MINUTES ON AIR]:		

**Evaluator Notes**



# SCBA Emergencies

NFPA 1001 [2013] - 5.3.1

NYS DIVISION OF HOMELAND SECURITY & EMERGENCY SERVICES

## NYS Skill Sheet 9-I-9

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a complete set of PPE, an SCBA and various simulated emergency conditions, shall demonstrate the correct procedures to follow for the incident given, as outlined in IFSTA Essentials of Firefighting and Fire Department Operations, 6<sup>TH</sup> ed.

**Time limit for this station is 7 minutes.**

Criteria:	Pass	Fail
<b>CRACKED FACE PIECE LENS</b>		
Starts immediate exit from area, with partner (verbalized)		
Partially closes cylinder valve		
Attempts to re-establish face piece seal		
If unsuccessful, breathes directly from regulator (verbalized)		
<b>MISSING FACE PIECE LENS</b>		
Starts immediate exit from area, with partner (verbalized)		
Breathes directly from regulator		
<b>SEVERED LOW PRESSURE LINE</b>		
Starts immediate exit from area, with partner (verbalized)		
Joins and holds ends of low pressure hose together or breathes directly from low pressure hose		
<b>TOTAL REGULATOR FAILURE</b>		
Starts immediate exit from area, with partner (verbalized)		
Closes air cylinder and performs full escape		
Holds breath while performing full escape		
Removes high pressure line from cylinder		
Breathes directly from tank by partially opening valve (short mask should remain on)		
<b>SEVERED HIGH PRESSURE LINE</b>		
Starts immediate exit from area, with partner (verbalized)		
Closes air cylinder and performs full escape		
Holds breath while performing full escape		
Breathes directly from high pressure hose by partially opening cylinder valve (short mask should remain on)		
<b>EXPENDED AIR CYLINDER</b>		
Starts immediate exit from area, with partner (verbalized)		
Disconnects regulator and filters breathing air (short mask should remain on)		
Verbalizes above to students in clear concise manor		

**Evaluator Notes**



**New York State  
Department of State  
Office of Fire Prevention and Control  
Training Authorization Letter**

DOS-1654 (5/04)

To the Office of Fire Prevention and Control:

The firefighter listed below is an active member of \_\_\_\_\_ Fire Department and is authorized to attend the course indicated below. I understand this training course may contain certain evolutions that simulate and/or create actual firefighting or rescue conditions. The Office of Fire Prevention and Control is not responsible and/or liable for any malfunction or damage to any equipment used during this training program.

**PLEASE PRINT ALL INFORMATION**

**Fire Chief Authorization**

Fire Department	FDID #	Date	
<b>Fill in YES or NO</b>		<b>YES</b>	<b>NO</b>
The firefighter listed below has medical clearance to use Self Contained Breathing Apparatus, (SCBA), in accordance with 29 C.F.R. part 1910.			
The firefighter listed below is authorized to use SCBA and participate in interior /exterior firefighting evolutions.			
If you cannot answer the questions above because you do not know the requirements of 29 C.F.R. Part 1910 or do not know whether the firefighter listed below is authorized to use SCBA, please contact your County Fire Coordinator or OFPC.			
Print Chief's Name	Chief's Signature		

**Course Information**

Course Code #	Course Title
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**Student Information**

Last Name	First	MI
Address	City	State
Home Phone ( )	Work Phone ( )	Zip

I, \_\_\_\_\_, PRINT NAME OF FIREFIGHTER have read, fully understand and agree with above information. I understand and acknowledge the importance of safety during the training course and further acknowledge that if an instructor believes that my behavior or abilities may cause a safety risk to myself or another, the instructor has the authority to remove me from the simulation or course.

\_\_\_\_\_  
SIGNATURE OF FIREFIGHTER DATE

And, if firefighter is under the age of 18, the following consent must be provided:

I, \_\_\_\_\_, PRINT parent or legal guardian of \_\_\_\_\_, PRINT NAME OF FIREFIGHTER consent to his/her participation in the training listed above. I have read, fully understand, and agree with the above information. I understand and acknowledge that safety is important during the training course and further authorize the instructor to remove \_\_\_\_\_, PRINT NAME OF FIREFIGHTER from the simulation or course if the instructor believes that his/her behavior or abilities may cause a safety risk to himself/herself or another.

\_\_\_\_\_  
SIGNATURE OF AUTHORIZED LEGAL GUARDIAN DATE

\_\_\_\_\_  
PRINTED NAME RELATIONSHIP TO FIREFIGHTER