

**Overall notes that apply to ALL skill stations;**

- Say, out loud, what you are doing so evaluator can hear and therefore know that you know what you are doing.
- If partnered, take time to go over “game plan” BEFORE leaving staging area to go to skill station. Look in book, notes, etc. You will NOT be allowed to bring this, or any “cheat sheets” to the test station with you. BUT you can take a moment, after you are assigned a station, to look over your notes.
- If partnered, talk, out loud, to your partner about what you need done, etc. (IE person at hydrant: “Ready to turn on hydrant”, person at trunk: “Turn on hydrant”.)
- If you are sure of the way to do something, do that way. The other people with you MAY be doing it wrong
- At the end if asked “Is there anything you would do differently?” review, out loud, what you did and why. If you realize that you did something wrong or forgot something SAY IT NOW!!
- At each test the tester will read the directions and then, should, ask “Do you have any questions?”. If you do, ask them now!!
- **TEAM INTEGRITY** is major item during many of the stations. Make sure you call back and forth to each other what you are doing (“move forward”), what’s coming up (“entering hallway”), warning (“watch for fire on your side”), etc.

Chapter/Page references are to the “Essentials of Fire Fighting” fourth edition ISBN 087939149-9

On the skill performance checklist sheet there are chapter references to NFPA 1001 - 2002 Edition. They all say “CHAPTER 5”. Have never seen the book.

This was from the skills sheet used for the FF I national certification test given at West Chester, in Chester County, May 7<sup>th</sup>, 2006.

**A - SCBA Operational Check - mandatory #1** - say everything you check out loud

**Directions: Make a pre-use operational check of your SCBA. Announce out loud what you are checking and what conditions you see as you proceed.**

{chapter 4, page 79}

1 - Checks backpack assembly for wear & damage {page 105 ~ also check bottle for visual damage, run hands over surface checking to cracks, etc.- Read out load the last hydrostatic test date and announce that it is within the 5 year limit}

- 2 - Checks straps for full extension and tangles
- 3 - Checks cylinder pressure for manufacture's recommended capacity
- 4 - Opens cylinder valve and checks high pressure connection & hose assembly for leaks
- 5 - Checks main line valve for proper operation {remember to check threads and "O" ring}
- 6 - Checks regulator pressure gauge to see if +/- 100 PSI
- 7 - Checks regulator control for accessibility
- 8 - Checks emergency by pass for proper operation
- 9 - Checks service life alarm for proper operation
- 10 - Checks face piece assembly for cracks, tears, & broken head straps
- 11 - Checks head straps for full extension

## **B - SCBA Donning - mandatory #2**

**Directions: While wearing full protective clothing, (helmet, hood, gloves, coat, and trousers), demonstrate donning of SCBA. Be fully prepared to enter a hazardous environment within 60 seconds from the beginning of the timed evolution. Time does not include donning and preparation of protective equipment, time evolution begins when SCBA is touched by candidate for operation or donning. {chapter 4, page 111} {the exact order isn't important BUT everything MUST be on correctly - tester may say start instead of waiting for you to touch the pack}**

- 1 - Sets backpack in place on back
- 2 - Secures all straps on SCBA
- 3 - Dons face piece and straps {remember that neck strap, if present, MUST be behind neck and outside coat, best to do BEFORE helmet on}
- 4 - Checks face piece for seal {put palm of hand over hose connection point and breathe in to see if mask "pulls" into face}
- 5 - Confirms exhalation valve operation
- 6 - Connects to regulator/face piece
- 7 - Opens cylinder valve fully
- 8 - Open mainline valve fully(if applicable)
- 9 - Check donning mode switch(if applicable)
- 10 - All closures secure on coat/trousers
- 11 - Coat collar up and secured
- 12 - Gloves on {you do NOT have to have all your fingers in place in the gloves - make sure the gloves are loose enough to get into easily}
- 13 - Hood donned properly and in place
- 14 - Helmet with chin strap in place {having the head strap slightly loose helps - having chin strap, slightly loose, to length that is close helps}
- 15 - P.A.S.S. Device activated

16 - Completed in 60 seconds or less

### **C - Primary Search & Utility control - mandatory #3**

**Directions: Using full protective clothing, SCBA, and hand tool, perform search with a partner following a rope, hose, or wall contact, maintaining communication and team integrity, shut off utilities (electric and gas) as designated by the evaluator and exit the hazardous environment as a team.**

- 1 - Select proper tool for search {there should be haligan bar or axe near entrance}
- 1A - Turn off power box & say "utilities secured"
- 2 - Checks door for heat level before entering
- 3 - Stays low for the floor
- 4 - Communication skill(verbal/visual/touch) {always stay in touch with partner!!}
- 5 - Maximum coverage, sweeps with tool or body
- 6 - Executes "crawl-under" correctly
- 7 - Executes "crawl-over" correctly
- 8 - Executes "restricted passages" correctly {may have to remove air pack, if in West Chester Facility this means one member of the search team goes into another "room" through a hole in the plywood. If you tip at an angle, and your partners helps, you can get into, and out of, the "room" without taking off your pack. Remember the person remaining outside should reach in and hold onto your leg. If you have a rope you can use that.}
- 9 - Completes evolution before 1/4 service life alarm sounds
- 10 - Shuts off electric panel correctly {see 1A}
- 11 - Shuts off gas meter correctly {supposedly not being done}
- 12 - Operates by pass/purge valve on command
- 13 - Exits hazardous area as team

### **D - SCBA Cylinder Removal, Refill, and Replacement - random #1**

**Directions: Please remove your SCBA cylinder, refill it using system, and replace it on your SCBA. {chapter 4, page 113}**

- 1 - Remove high pressure hose from cylinder
- 2 - Remove Cylinder from harness
- 3 - Inspect for cylinder damage {check bottle for visual damage, run hands over surface checking to cracks, etc.}
- 4 - Check hydrostatic test date {Read out load the last hydrostatic test date and announce that it is within the 5 year limit}
- 5 - Connects fill {hose} while in charging sleeve {once fill hose attached, fully close release valve on fill hose and fully open air bottle}
- 6 - Begin with lowest cascade valve
- 7 - Opens SCBA cylinder and charging valve {SCBA should already be open from #5}
- 8 - When equalized, closes cascade valve
- 9 - Continue steps 7 & 8 until {bottle} full
- 10 - Closes all valves and releases pressure {don't forget to close valve on bottle BEFORE opening release valve}

- 11 - Disconnects charging hose
- 12 - Replaces cylinder in harness assembly
- 13 - Check high pressure hose "O" ring {probably good idea to check threads also}
- 14 - Records refill on sheet correctly {I assume that you record the date and time, etc.}

**E - Roof Ladder/Cut - random #2 - make a 2' x 2' hole in roof using power saw first two cuts and axe for second two cuts**

**Directions: As an individual, place a roof ladder on the roof simulator, take appropriate tools for roof ventilation, climb ladder, and cut 2' x 2' hole in the roof using a power saw to cut the first two sides and an axe for the second two sides of the opening. Once the hole is cut, preform all other tasks needed to complete ventilation task. {chapter 10, page 345}**

- 1 - Open hooks on roof ladder {page 374, Skill sheet 10-2 covers most - person on lower roof opens hooks and checks - remember to hand the roof ladder to the person on the roof with the hooks AWAY from their body}
- 2 - Checks hooks locked in place
- 3 - Places ladder flat on roof
- 4 - Secures ladder over roof peak
- 5 - Selects, prepares, starts saw on ground {this will probably be done BEFORE starting up to the roof}
- 6 - Stops saw
- 7 - Places tools on ladder, including saw {will need, at least, an axe, pike pole, & saw}
- 8 - Sounds roof with tool as ascending {this is something they didn't say during practice}
- 9 - Locates rafters & checks roof integrity {say something about clearing shingles and tar paper, score, with axe, outline of hole to cut}
- 10 - Starts saw and makes top & far cut {Cut Sequence is farthest from ladder, top, bottom, and last closet to ladder}
- 11 - Maintains secure footing while cutting {remember that partner keeps a hold on person cutting and keeps watch for dangers such as advancing fire}
- 12 - Maintains control of saw
- 13 - Keeps body out of line with cutting edge
- 14 - Makes cuts in a straight line {follow score marks made #9}
- 15 - Saw chain/blade does not bind/seize up
- 16 - Shuts down saw on roof
- 17 - Changes to axe for final cuts
- 18 - Acceptable hand position on axe handle {one hand near head}
- 19 - Controls swing and arc {remember short "chops" NOT full swings}
- 20 - Cuts in sequential order/alignment {Cut Sequence is farthest from ladder, top, bottom, and last closet to ladder}
- 21 - Shows acceptable feet/body position
- 22 - Completes cut, removes debris with tool
- 23 - Probes for ceiling below {using end, not hook which might get stuck, of pike pole}

## **F - Ladders - mandatory #4**

**Directions:** As a team, remove extension ladder from the apparatus. Carry the ladder to the building, place, raise, extend the fly and set for rescue operations. Secure the ladder at the top and/or bottom. Using your partner as a conscious, non-injured victim, assist him down the ladder. Change positions and assist the second victim down the ladder. Untie, lower, and return the ladder to the apparatus. {chapter 9, page 281}

### **PART A**

1A - Team removes ladder from apparatus into a two person carry {probably from ground, remember to bend knees and NOT step over ladder}

2A - Team assumes acceptable position during carry {heel/butt end first - normally comes off truck this way}

3A - Team places ladder in line with target

4A - Team RAISES ladder properly {remember to look overhead & say no obstructions such as wires!!}

5A - Team EXTENDS fly to correct level for rescue {just below sill & slightly to one side}

6A - Team checks ladder for proper angle/position {75 degrees - test by standing on bottom rung and making sure arms straight to rung in front of shoulders}

7A - Team secures halyard {clove hitch w/ safety}

8A - One candidate is assigned to climb ladder & enter window {after 9A & 10A!!}

9A - Team secures ladder at top and/or bottom {!!!! use clove hitches w/ safeties}

10A - Team tests ladder for security by attempting to move top or bottom of ladder

### **PART B**

1B - Candidate on ground climbs ladder and assists victim onto ladder(candidate in window)

2B - Candidate on ladder assists victim down ladder {talk, loudly, the whole time telling the "victim" that you have them, they're doing well, only a little more to go, next step on ground, etc. Tell, and tap, which leg you want the "victim" to move "Now your left leg (tap) ", "Now your right leg (tap)"} }

**Candidates will switch roles and repeat the task**

### **PART A - Continued**

11A - Team unties ropes securing ladder

12A - Team RETRACTS fly and LOWERS ladder

13A - Team lifts & carries ladder to apparatus

## **G - Knot Tying/Tool hoisting - random #3**

**Directions:** Tie a clove hitch onto the axe blade, and a half-hitch on the axe handle. Using a becket or sheet bend, tie a tag-line to the hoisting line, raise and lower the axe. Remove the knots. Next, tie a clove hitch. A half-hitch and an overhand safety knot on the uncharged hose line. Raise and lower the hose line. Remove the knots. Tie a bowline around your body. Finally, tie a figure of eight on a bight. {chapter 6, page 147}

1 - Ties clove hitch onto axe blade

2 - Ties {at least one} half hitch on axe handle

3 - Ties guideline {tag line} to hoist line, using a becket bend

4 - Controls hoisting, lowering, and guiding of evolution

- 5 - Removes knots
- 6 - Ties clove hitch and a half hitch onto a hose line
- 7 - Ties an overhand safety knot to secure the clove hitch {don't need tag line, use hose}
- 8 - Controls hoisting, lowering, and guiding of evolution
- 9 - Removes knots
- 10 - Ties bowline around body {a simple safety is a good idea}
- 11 - Ties figure eight on a bight

## **H - Operating a hose line from a ground ladder - random#4**

**Directions: Advance the hose line up the ladder, lock in, using the ladder belt provided or a leg lock, order the line to be charged, and operate the hose line from the ladder. Order the hose line shut down and descend the ladder.**

- 1 - Properly dons life safety harness (ladder belt) if candidate chooses this option {unless you are REAL good with the leg lock, DO THIS}
- 2 - Climbs ladder carrying uncharged hose line {hose up front of body with nozzle draped over shoulder onto back!!}
- 3 - Locks into ladder with life safety harness or use leg lock
- 4 - Orders hose line to be "charged"
- 5 - Opens nozzle with control
- 6 - Maneuvers nozzle simulating fire attack, demonstrating nozzle control
- 7 - Closes nozzle with control
- 8 - Order line to be "shut down"
- 9 - Release pressure on hose line {reopen nozzle}
- 10 - Disconnects the life safety harness from ladder or unlocks from leg lock
- 11 - Descends ladder with hose line {hose up front of body with nozzle draped over shoulder onto back!!}

**I - Hose Line Advancement - mandatory #5** - this station includes putting the hose into the truck hose bed, the minuteman is the one we've practiced

**Directions: As a team, load a 1 ½" hose line in the designated compartment on the pumper using appropriate hose loads for an effective fire ground attack. On signal from the evaluator, advance the 2 ½" hose line inside the building, up the stair tower to the second floor prepared to attack the fire. Then, change positions, and advance the 1 ½" hose line up the extension ladder into the second floor and prepare to attack the fire down the interior stairs to the first floor. Be sure to call for the line to be charged when ready to attack each fire. {remember to yell, short concise, commands up and down the line - ADVANCE, WATER, WATER OFF, OUT, etc. - each member in turn should repeat to person behind them}**

- 1 - Team executes 2 ½" hose load transfer from hose bed to shoulder
- 2 - Teams advances 2 ½" hose to first floor {make sure hose to outside of stairs and no kinks, see #6}
- 3 - Team positions hose in stairwell for attack to second floor
- 4 - Team orders hose line charged
- 5 - Team advances hose to second floor {see notes on #3}

6 - Team removes kinks as necessary {you SHOULD have someone at every “kink” point (whenever hose changes direction on stair landing, etc. see note #2)}

**Team members change position**

7 - Team executes 1 ½" hose load transfer from hose bed to shoulder

8 - Team advances 1 ½" hose line to ladder, executing proper flaking {do NOT flak as going up ladder}

9 - Team climbs ladder with hose on shoulder {hose up front of body with nozzle draped over shoulder onto back!! Make sure first person most, or all the way up, or at least onto fly section, before second person starts up ladder}

10 - Team enters window and checks for stability {sound with tool or heel, while hanging onto sill}

11 - Team executes flaking of excess hose {see note #8}

12 - Team orders hose line charged

13 - Team advances down stairwell to attack fire {"fire" on first floor}

14 - Team removes kinks as necessary

**J - Automatic Sprinkles - random #5**

**Directions: As a team, select the correct size hose and advance two (2) 100' lines and connect to the fire departments sprinkler connection. Then, individually, select and appropriate sprinkler stop device from those provided. Insert the stop into the opening of the discharging sprinkler head to control the flow of water. Locate the main control valve, shut it, then open it again. {chapter 15, page 559}**

1 - Team selects correct size hose and advances to fire department sprinkler connection (two 100' lines)

2 - Remove caps/breaks caps (if necessary)

3 - Checks for obstructions {same as hydrant, look inside}

4 - Checks gaskets

5 - Team makes connection

6 - Team connects hose to engine outlets

7 - Candidate places ladder, demonstrating acceptable body position on ladder {page 571→ to reach sprinkler head to stop off in next step}

8 - Candidate demonstrates dexterous insertion of wedge/stop {into sprinkler head to stop water}

9 - Candidate closes sprinkler head effectively

10 - Candidate identifies main control valve

11 - Candidate closes main control valve, then opens again on command from evaluator

**K - Ladders & Rescue - random #6**

**Directions: As a member of a team, carrying a hand tool, climb a secured 35' extension ladder, enter third floor window, check floor, find victim and remove to window. Remount ladder, execute a leg lock, place victim on ladder, then remove victim to ground using an unconscious victim rescue. Switch places and repeat rescue e scenario of victim. {chapter 9 , page 281}**



- 1 - Select proper search & rescue tool
- 2 - Climb ladder with hand tool {carry UP the ladder in right hand & DOWN in left hand}
- 3 - Proper hand position with tool {see note #2, remember to have points away}
- 4 - Enters window & checks floor (stability)
- 5 - Finds victim & positions head {"victim" is 165 Lb sandbag shaped like a person - person inside must make sure face up with head to window, by self}
- 6 - Moves victim to window
- 7 - Utilizes appropriate drag {either 2 person "EXTREMITIES LIFT/CARRY", page #222, or 1 person "INCLINE DRAG", page #227}
- 8 - Protects victims head
- 9 - Mounts ladder, executes leg lock {only do this while waiting for victim, once victim is coming at you, you had better be out of the leg lock are you won't be able to move}
- 10 - Secures victim on ladder {make sure NOT in leg lock, want victims legs and arms to outside of ladder, head on top of your arms}
- 11 - Lowers victim on ladder
- 12 - Proper unconscious rescue technique
- 13 - Proper hand placement for rescue {want hand, on rungs, under victims head}

#### **L - Salvage - random #7**

**Directions: As a team, inspect each salvage cover provided, telling out loud, what you are doing and what you find. As a team, fold one cover into a "one-man" fold or roll. Fold the other cover into a "two-man" fold. Then, cover all the furnishings with one of the folded covers. Remove Cover. Next, construct a water chute from one cover and properly position for use. Finally, from the second cover, construct a catchall. {chapter 16, page 587}**

- 1 - spreads both salvage covers for inspection
- 2 - Checks for dirt, mildew, rot, holes, or other damage {put over head and "walk" under to look for holes by looking for light coming through}
- 3 - Explains how repairs will be made {If canvas "As per manufactures recommendation" Else say "maybe duct tape" or "As per manufactures recommendation"}
- 4 - Explains cleaning and drying procedures {use water and soft brush, mild soap if oil or stubborn dirt - hang over something such as step ladder(s) to allow air to get to both sides to dry}
- 5 - Prepare one cover for one man fold {<or roll> spread out flat, weathered side up}
- 6 - Makes a one man fold {this one you fold in half into middle, twice each side, then in half into middle each end until done - page 600<roll>, 604<fold>}
- 7 - Demonstrates neatness & stability of finished fold {I guess pick it up and carry}
- 8 - Prepares second cover for two man fold {spread out flat, weathered side up}
- 9 - Makes two man fold {this one you pick up in middle, lay down to one side - then fold from side #1 to opposite side #2, next fold from side #1 to the new side #1, keep folding to other side until fairly small - from one end, which we will call end #1, fold to opposite end, end #2, straighten, then fold from end #2 to end #1, repeat until done - page 609->}
- 10 - Demonstrates neatness & stability of finished fold {Guess pick it up and carry}
- 11 - Prepares arrangement of furnishing/contents for cover deployment {put things as close together as possible, put smaller objects (IE lamps) on top of bigger items}



12 - Places cover {sounds like using two man so, the cover should be on one persons shoulder, opening toward neck, each grab the corner grommets, the person holding the lower ones, and pull apart, open completely so at opposite ends of "pile" - each holding one grommet, pull tight while pulling up and over pile - page 594 16.20}

13 - Make final positioning/adjustments {tuck under items, etc. to get as much coverage as possible}

14 - Systematically removes the cover {It would guess, un-tuck, pull out from items, grab the opposite grommets on one side, pull taught, and lift back off of items}

#### **Construct a Water Chute**

15 - Positions step ladder to opening {page 595, 615}

16 - Prepares salvage cover on floor {spread out flat, weathered side up}

17 - Positions salvage cover with weather side up

18 - Places pike poles on opposite sides

19 - Rolls poles inward from opposite sides

20 - Hooks poles to ladder rungs/extends to opening

21 - Completes final adjustment of chute

#### **Construct Water Catchall {page 617}**

22 - Prepares salvage cover on floor {spread out flat, weathered side up}

23 - Positions salvage cover with weather side up

24 - Rolls opposite sides inward about 3 feet

25 - Lays ends of side rolls over at right angle

26 - Rolls ends into tight roll and tucks into sides

27 - Makes final position/adjustment

### **M - Fire Streams and Foam - random #8**

**Directions:** As a team, each candidate will operate the combination nozzle attached to the hose line, performing the nozzle manipulations called for by the Evaluator. After both candidates candidate's have operated the nozzle, tell the engine operator to shut down the hose line. As a team, break the hose line and set-up the hose line for foam operation. Next, operate the foam line with one team member on the nozzle and the other operating the eductor pick-up tube. Shut down the nozzle and change places. Finally, remove the pick-up tube from the foam and flush the hose line. Shut down the line and restore the original set-up. {chapter 13, page 487}

1 - Candidate demonstrates proper body stance at attack nozzle for acceptable control

2 - Candidate controls nozzle during opening and closing

3 - Candidate responds to "change pattern" directive {right for fight<stream>, left for life<fog>}

4 - Candidate responds to "change stance/position" directive

5 - Candidate responds to "change gallonage" directive

6 - Candidate closes nozzle upon command

#### **Team members change position**

7 - Team orders line shut down at engine

8 - Team attaches eductor to hose line and sets at "x"%

9 - Team selects and attaches appropriate foam nozzle to hose line

- 10 - Team orders hose line charged
- 11 - Candidate operates nozzle as directed
- 12 - Candidate inserts pick up tube into foam can {I would think this comes BEFORE #11}
- 13 - Candidate shuts down nozzle

**Team members change position**

- 14 - Team removes pick up tube from foam and flushes hose line
- 15 - Team orders hose line shut down at engine
- 16 - Team breaks down foam set up and returns hose line to original set up

**N - Portable Extinguishers - random #9**

**Directions: Select the proper portable extinguisher from the units present; attack and extinguish the fires presented. {chapter 5, page 125}**

- 1 - Properly wears PPE
- 2 - Selects proper extinguisher for class of fire present
- 3 - Activates extinguisher properly (pulls pin, activates cartridge, etc.) in accordance with specific extinguisher design
- 4 - Approaches fire from upwind (where and as applicable)
- 5 - Uses proper application technique for extinguisher and fire involved (range, nozzle motion, avoids “plunging”, etc.)
- 6 - Completely extinguishes Class “B” fire
- 7 - Completely extinguishes, or achieves substantial knockdown, of Class “A” fire
- 8 - Back away from fire after extinguishing

**O - Rope Inspection & Storage - random #10**

**Directions: Given the rope and storage bag, inspect the rope and store it ready to use. Describe and problems/defects found to the evaluator. {chapter 6, Page 147}**

- 1 - Removes gloves for proper feel {only time doing skill WITHOUT gloves}
- 2 - Inspects 100% of rope length visually {look for cuts, fraying, heat/chemical burns, splinters, glass, etc.}
- 3 - Inspects 100% of rope length tactilely {by feel}
- 4 - Uses proper tactile (feel) technique for rope presented (laid, braid, braid on braid, or kernmantle) {page 151 ~ Laid - untwist to look inside, smell of rot if manila ~Braid - excess or unusual “fuzziness”, mushy or “strange looking” spots ~ Braid on Braid - sheath slides, lumps that would indicate core damage, reduction in diameter that might indicate the core has broken ~ Kernmantle - pull slightly on rope while feeling for lumps, depressions, or soft spots}
- 5 - Properly coils rope in bag {I believe can do visual & tactile inspection as putting into bag}
- 6 - Secures figure 8 stopper on each end of rope

**P - Water Supply/Pump connections - mandatory #11**

**Hydrant Supply**

**Directions: Using the equipment provided, establish a water supply to the pumper from the hydrant designated by the evaluator. When the task is completed, set the pumper up to the pump from the draft. {chapter 11, page 379}**

- 1 - Removes caps & places wrench {ALWAYS leave wrench on top of hydrant. Look into connections to look for visible debris, turn hydrant on part way to make sure good and clear flow}
  - 2 - Connects hose and hydrant gate to hydrant in proper positions
  - 3 - Determines that pump operator (evaluator) is ready for water
  - 4 - Positions body in proper position before opening hydrant {behind, not straddling hose, able to see pump operator}
  - 5 - Fire hydrant opened fully {FULLY open}
  - 6 - Closes hydrant fully on command of pump operator
  - 7 - Removes hose/gate, checks for drain operation {hold hand over opening and feel for suction & look for water draining down}
- Draft Supply** {page 389→}
- 8 - Selects proper suction hose(s) (size, length) {should be 10' - 12' 3" suction hose}
  - 9 - Selects proper strainer equipment {attach rope with bowline to strainer unless carabineer then use that onto strainer}
  - 10 - Makes necessary hose/appliance connections
  - 11 - Identifies pumper suction connection {connection on truck labeled suction}
  - 12 - Connects assembled hose/strainer to pumper suction port
  - 13 - Places strainer in water, properly secures same {if small ladder present can use that to support hose into tank. Tie off rope from strainer to rail on tank}

### **Q - Fire Control - random #12**

**Directions: Using the equipment provided, extinguish this fire. Be prepared to trade nozzle and back-up positions on command of the Evaluator.** {could be Exterior Class "A", Vehicle, or Dumpster fire}

- 1 - Team advances attack line in proper manner for scenario tested
- 2 - Nozzle man properly operates and manipulates nozzle to knock down fire presented
- 3 - Back up fire fighter properly manipulates hose line to facilitate nozzle man's job

**On command of evaluator, team retreats to safe location {remember to BACK away} and nozzle man and back up trade positions. Second attack is made.**

### **R - Using lighting Equipment - random #13**

**Directions: You have before you a power source (portable or vehicle mounted), cords, and lighting appliances. Given this equipment, establish lighting system for a simulated emergency scene.**

- 1 - Selects cord of proper length to reach objective
- 2 - Starts portable generator/establishes that other power source (vehicle mounted or inverter) is working
- 3 - Connects cord selected to power source using adaptor(s) if needed
- 4 - Sets up light, connects cord selected to light, using adaptors and/or junction box if needed
- 5 - Turns light on and the off
- 6 - Disassembles cords, adaptors, and appliances and returns to stored condition (as found), shuts off portable generator (if such is used)

### **S - Riding Fire Apparatus - random #14**

**Directions:** Given the fire apparatus at this station, board the apparatus and prepare yourself for travel. Upon command from the Evaluator, dismount the apparatus, ready for assignment (less SCBA).

- 1 - Completely dons protective clothing prior to boarding {face shield down or safety glasses on BEFORE getting on to apparatus}
- 2 - Checks seat area for obstruction, loose tools, etc. (removes same, if present)
- 3 - Uses handrails/secures good footing while mounting {always want, at least. three points of contact EG 2 hands, 1 foot or 2 feet one hand, etc.}
- 4 - Sits in seat provided, engages seatbelt/shoulder harness assembly provided
- 5 - Dons hearing protection (if open or canopy cab)
- 6 - Uses eye protection (open or canopy cab)
- 7 - Uses handrails/secures good footing while dismounting {back down - always want, at least. three points of contact EG 2 hands, 1 foot or 2 feet one hand, etc.}

### **T - Fire Hose Appliances and Streams - random #15 - this is a team station**

**Directions:** You have before you a burst 1 ½" hose line. Using the equipment at this station, replace the burst section of line.

- 1 - Team secures and deploys two (2) sections of replacement hose
- 2 - Team stops flow of burst line by applying hose clamp (if provided) or kinking hose
- 3 - Team disconnects burst section and substitutes replacement sections
- 4 - Team removes burst section from vicinity of hose line

### **U - Forcible Entry {Forcible Entry Through Door} - random #16**

**Directions:** From the tools present, select the most appropriate tool(s), and force entry as needed through the obstacles identified by the Evaluator. {chapter 8, page 233}

- 1 - Selects proper tool(s) for the task
- 2 - Correctly determines whether door opens toward or away from team
- 3 - Checks door for heat, tries handle/knob before forcing entry {TRY BEFORE YOU PRY}
- 4 - Selects entry technique compatible with door construction, locking mechanism, and other features
- 5 - Demonstrates dexterity, skill, and team work in use of tools/application technique {if hammering one tool with another, the person holding the tool being struck calls "STRIKE"}
- 6 - opens door with minimal damage to jamb, frame, and door

### **V - Ventilation/Overhaul {Opening Window/Breaking Glass} - random #17**

**Directions:** Demonstrate your ability to unlock and open the window presented for ventilation purposes without the use of tools; on command of the Evaluator, select a proper tool and break window glass as directed. Then, use materials provided to temporarily seal up opening. {chapter 8 page 260}

- 1 - Identifies locking mechanism(s) on window presented, unlocks same {assuming a Double Hung window, open locks}

- 2 - Opens window properly using mechanism(s) provided {locks on sash}
- 3 - Removes (without damage) any curtains, blinds, or other obstructions present {reach up and remove blinds}
- 4 - Selects appropriate tool for breaking glass {page 260 says pick up axe, hook of Halligan bar, pike pole, etc.}
- 5 - Positions body properly in relationship to window {wind to back, on up wind side of window - if using short tool such as Halligan bar may want to climb up ladder to get away from right under window}
- 6 - Strikes glass in appropriate place for type of glass and tool selected {page 268, Skill sheet 8-1, TOP OF PANE}
- 7 - Removes shards of glass remaining in window pane (if present)
- 8 - Removes curtains, blinds, or other obstructions present
- 9 - Uses staple gun & plastic sheeting provided to effectively seal up opening

### **W - Forcible Entry, Overhaul {Overhaul/Opening Walls} - random #18**

**Directions: Select appropriate tool from those provided. Check the wall for hidden fires by opening it, remove the debris using the equipment provided.**

- 1 - Appropriate tool is selected
- 2 - Wall is felt for heat with back of hand before opening (Evaluator will tell you wall is warm)
- 3 - Wall is opened using proper technique for material from which it is constructed
- 4 - Debris is placed in metal containers provided and removed from skill station
- 5 - A sufficient opening is made for proper examination

### **X - Fire Hose, Appliances, and Streams {Advancing Line From Standpipe} - random #19**

**Directions: Arrange the hose and nozzle provided in workable package, then select the proper appliances. Working as a team, carry the hose line into the building and connect to the standpipe, advancing line to the floor above.**

- 1 - Hose is packaged in suitable conformation and carried into building {use the hose bag - puts the nozzle in bottom at one end and do a, "sort of", minuteman load - put all tools you might need into bag also - if wye, attach to hose when putting in bag, at top}
- 2 - 2 1/2" x 1 1/2" wye is connected to riser {one person remains with wye, and tools, at connection to make connection}
- 3 - Hose is connected to wye and advanced up stairwell {if packed in bag, carry bag up the stairs and let hose flak out}
- 4 - Proper placement of hose in stairwell is made {to outside with no kinks, bring extra up stairs above, if there, so can attack "down"}
- 5 - Line is charged, kinks removed
- 6 - Team indicates line is ready to advance

### **Y - Natural Ground Cover Fire Attack - random #20 {chapter 4, page 552}**

- 1 - Candidate selects and uses appropriate PPE {if present, can ask to use wild land FF gear, can also use jeans, long sleeve shirt (bring with you), helmet, and work gloves}

- 2 - Candidate chooses appropriate tools, extinguisher, and/or hand line
- 3 - Determines/Identifies escape route(s), safe haven {remember, fire runs up hill and in front of wind}
- 4 - Determine exposure threats {things & areas that might catch fire}
- 5 - Make attack from proper direction based on wind, terrain, and fire {wind to back & up hill}
- 6 - Constructs a fire line, if appropriate {use adz to break up grass and brush rake to pull back, at least 3'}
- 7 - Maintains integrity of fire line {remember to talk with all team members}
- 8 - Extinguishes fire with hand tools and/or water
- 9 - Completes the assignment

## **Z - Equipment Inspection & Maintenance {Inspection of Hose & Ladders} - random #21**

**Directions: Before you are a section of hose, a nozzle, and a ground ladder; Inspect each piece of equipment for serviceability. As you perform each inspection, describe to the evaluator what you are looking for and what your findings are.**

### **Hose**

- 1 - Checks outer jacket for wear and damage
- 2 - Checks inner lining for dry rot and cracks
- 3 - Checks coupling attachment/expansion rings

### **Couplings**

- 4 - Checks male threads for damage
- 5 - Checks female threads for bending/damage
- 6 - Removes and checks swivel gasket {flex ring to see if still pliable}
- 7 - Replaces swivel gasket
- 8 - Explains the necessary maintenance for hose/couplings that should occur after use {wash any dirt and grim off hose and couplings before putting away, use mild detergent for oil and stubborn dirt - visually inspect hose and couplings as putting away, look for cracks, splits, heat and/or chemical burns, "burs" or damaged threads on couplings}

### **Nozzle**

- 9 - Checks for external damage {"teeth" missing on fog nozzle, etc.}
- 10 - Checks for internal damage or debris
- 11 - Checks gasket for damage {same as for coupling #6}
- 12 - Checks for ease of operation {operate bale, stream control, etc.}
- 13 - Explains the necessary maintenance that should occur after use {make sure clean and operates}

### **Ladders {remember, DO NOT STEP OVER LADDER}**

- 14 - Examine braces, slides, stops, locks, rivets, and pulleys {look for fire exposure sticker}
- 15 - Examine halyard for damage {fraying, heat and/or chemical burns, etc.}
- 16 - Checks pawls {"dogs"} for ease of operation and tension {springs work}
- 17 - Check rungs for tightness, bends, and cracks {if truss ladder, check truss blocks}
- 18 - Checks beams {rails} for tightness, bends, cracks {straight}
- 19 - Explains the necessary maintenance that should occur after use {wash off dirt and grim - mild}



detergent for oil and stubborn dirt - wipe dry - lubricate “as per manufacture’s recommendations”}

**AA - Interior Structural Live Fire Attack - random #22 \*\*This one was covered during the “Structural Burn Session” and was mandatory\*\***

**Directions: Attack an interior fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is properly deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached safely, attack techniques facilitate suppression given the level of fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are avoided or managed, and the fire is brought under control. {could be 1<sup>st</sup> floor room & contents, 2<sup>nd</sup> floor room & contents, or basement}**

- 1 - Team advances the attack line to the area directed
- 2 - Nozzle man chooses the correct nozzle pattern and application technique for the type
- 3 - Back up Team member(s) manipulates the line to facilitate the nozzle man’s job
- 4 - At the appropriate time the team advances the hose line to the correct window and performs hydraulic ventilation
- 5 - Did team members look for and control hidden fires if encountered? ( Evaluator will note the location of the hidden fire?)
- 6 - Was the fire brought under control in a safe and effective manner with techniques used by the team members
- 7 - Were the proper tools and techniques used by the team members?
- 8 - Were the tools and techniques applied properly by the team members?
- 9 - Did the team identify and avoid or control all hazards encountered?
- 10 - Was all PPE properly worn & used?
- 11 - Was team integrity & accountability maintained?