FIREFIGHTER I MANIPULATIVE SKILL OBJECTIVES

GENERAL

PERSONAL PROTECTIVE EQUIPMENT

1- Demonstrate the care, inspection, and maintenance of protective clothing assigned or available for use.


CONDITION: Given helmet with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), Hood, Boots, Gloves, Coat, and Pants.

COMPETENCE:
- Inspect all equipment for damage.
- Remove dirt, chemicals, oil or other compounds from protective clothing.
- Inspect helmet and visor for damage.
- Inspect suspenders for damage or loss of support.
- Describe proper cleaning methods (Manufacturer recommended or department SOP).

TIME: 5:00 Minutes

2- Demonstrate donning and doffing structural firefighter protective clothing.


CONDITION: Given helmet with eye protection, Hood, Boots, Gloves, Coat and Pants.

COMPETENCE:
- Don hood (hood maybe rolled down around collar of coat).
- Don and fasten all closures on pants/boots and coat.
- Collar turned up on coat/hood rolled down on collar.
- Don helmet and tighten chin strap (helmet ear flaps down).
- Don gloves.
- Doff protective clothing and place back in-service.

TIME: 1:00 Minute to Don (No time limit for doffing)
ROPES

3- Demonstrate the hoisting of the following tools: fire axe, pike pole, roof ladder, hoseline (charged/dry).

REFERENCE: NFPA 1001, 2008 Edition, 5.1.2, 5.3.12(b)

CONDITION: Wearing full protective clothing, tool or equipment, minimum 25 ft. of rope.

COMPETENCE: • Select tool to be hoisted.
• Tie with an approved knot (Skill #4A-D) for hoisting.
• Use "tag" line when directed.
• Hoist tool or equipment.

TIME: 1:00 Minute for tool selected (Hoisting time not included in the 1:00 Minute)

4- Demonstrate tying the following knots:

A. Bowline around waist and/or around an object (with overhand safety).


CONDITION: Given a length of rope, object such as a pole or waist.

COMPETENCE: • Select correct length of rope.
• Tie correct knot with overhand safety in correct position.

TIME: 35 Seconds

B. Clove hitch, running or loop method (with overhand safety).


CONDITION: Given a length of rope, object to place knot on.

COMPETENCE: • Select correct length of rope.
• Tie correct knot with overhand safety in correct position.

TIME: 35 Seconds

C. Figure eight on a bight (with overhand safety).


CONDITION: Given a length of rope.

COMPETENCE: • Select correct length of rope.
• Tie correct knot with overhand safety in correct position.

TIME: 35 Seconds
D. **Figure eight follow through loop (with overhand safety).**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.1.2

**CONDITION:** Given a length of rope.

**COMPETENCE:** • Select correct length of rope.
• Tie correct knot with overhand safety in correct position.

**TIME:** 1:00 Minute

E. **Becket or sheet bend.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.1.2

**CONDITION:** Given 2 pieces of rope of different diameter.

**COMPETENCE:** • Select correct length of rope in correct position.
• Larger rope should form the bight.
• Tie correct knot.

**TIME:** 35 Seconds

F. **Water knot (with overhand safeties).**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.1.2

**CONDITION:** Given 12 ft. X 1 inch tubular webbing.

**COMPETENCE:** • Select correct length of webbing.
• Tie correct knot with overhand safeties in correct position.

**TIME:** 1:00 Minute

5- **Demonstrate inspecting, cleaning and storing rope after use.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.1.2, 5.5.1

**CONDITION:** Given rope, rope bag (if available) and cleaning supplies.

**COMPETENCE:** • Identify type of rope, life safety or utility.
• Inspect rope for damage or wear.
• Wash rope using approved method (verbalize).
• Dry rope using approved method (verbalize).
• Bag or coil rope.
• Document use of rope and inspection on rope log.

**TIME:** 2:00 Minutes - inspecting rope
3:00 Minutes per 50 ft. - coiling or bagging
FIRE DEPARTMENT COMMUNICATIONS

RADIO AND PHONES

6- Demonstrate receiving a report of a fire or emergency situation from the public (telephone) and initiate appropriate action.

REFERENCE: NFPA 1001, 2008 Edition, 5.2.1

CONDITION: Given a fire or emergency scenario.

COMPETENCE: • Identify self.
  • Record time of call.
  • Record type and address of incident.
  • Record callers name and call back number.
  • Ask questions for additional information.
  • Hang up after caller.

TIME: 1:00 Minute

7- Demonstrate receiving a business or personal telephone call from the public.

REFERENCE: NFPA 1001, 2008 Edition, 5.2.2

CONDITION: Given a scenario, following department SOP.

COMPETENCE: • Identify self.
  • Record time of call.
  • Record message.
  • Record callers name and call back number.
  • Ask questions for additional information.
  • Hang up after caller.

TIME: 1:00 Minute

8- Demonstrate the use of mobile and portable radio equipment for routine or emergency traffic.

REFERENCE: NFPA 1001, 2008 Edition, 5.2.3

CONDITION: Given a mobile/portable radio equipment.

COMPETENCE: • Turn on power
  • Set radio to correct channel
  • Adjust volume
  • Adjust squelch (if radio is equipped)
  • Perform radio check (simulate)
  • If emergency traffic, give EMERGENCY TRAFFIC signal over the air (simulated)

TIME: 1:00 Minute
FIREGROUND OPERATIONS

SELF CONTAINED BREATHING APPARATUS

9- Identify and describe each component of the Self-Contained Breathing Apparatus (SCBA).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1(a)

CONDITION: Given a Self-Contained Breathing Apparatus as used by department.

COMPETENCE: • Backpack/harness.
• Air cylinder - cylinder, valve, and pressure gauge.
• Regulator assembly - high pressure hose, low pressure alarm, main line valve, emergency by-pass valve, secondary gauges.
• Facepiece assembly - low pressure hose, exhalation valve, and head harness.
• PASS device.

TIME: 5:00 Minutes

10- Demonstrate donning Self-Contained Breathing Apparatus (SCBA).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1

CONDITION: Wearing full protective clothing and SCBA.

COMPETENCE: • Crouch or kneel at SCBA (if donned from ground).
• Check SCBA cylinder pressure gauge (verbalize pressure).
• Open cylinder valve fully.
• Check regulator and cylinder gauge - gauges should be within 100 psi of each other.
• Don Backpack and fasten/tighten all straps (over-the-head or coat method).
• Don facepiece, adjust head harness, check seal and exhalation valve.
• Don protective hood.
• Attach low pressure hose to regulator or face piece.
• Turn on or ensure PASS is active.
• Don helmet.
• Don gloves.

*Steps may vary with different SCBA’s, however all of the above should be covered during the donning process.

TIME: 1:00 Minute
11- Demonstrate the following emergency procedures in the event of SCBA failure:

A. Conservation of air (skip breathing).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1(b)
As per manufacture recommendations for SCBA used by department.

CONDITION: Wearing full protective clothing and SCBA.

COMPETENCE: • Inhale normally (as during regular breathing)
• Holds breath (as long as it would take to exhale)
• Inhale again
• Exhale slowly

TIME: 1:00 Minute

B. Emergency procedures in the event of a facepiece failure.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1
As per manufacture recommendations for SCBA used by department.

CONDITION: Wearing full protective clothing, SCBA, simulated facepiece damage.

COMPETENCE: • Notify partner of problem.
• Active emergency communications (Mayday).
• Notify Incident command of problem.
• Active PASS.
• Disconnect low pressure hose from facepiece or regulator.
• Breath from low pressure hose or 2nd stage regulator.
• Exit structure with partner.

TIME: 1:00 Minute

C. Emergency procedures in the event of an interruption/restricted air flow.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1

CONDITION: Wearing full protective clothing, SCBA, simulated regulator damage.
As per manufacture recommendations for SCBA used by department.

COMPETENCE: • Notify partner of problem.
• Activate emergency communications (Mayday).
• Notify Incident command of problem.
• Close mainline valve (if applicable).
• Operate By-pass
  - Open By-pass valve, inhale
  - Close By-pass valve,
  - Repeat as needed.
• Exit structure with partner.

TIME: 1:00 Minute
12- **Doff and perform a check of an in-service SCBA: With cylinder change.**

**REFERENCE:**  
NFPA 1001, 2008 Edition, 5.3.1

**CONDITION:**  
Given an SCBA and spare cylinder

**COMPETENCE:**  
- Place SCBA on ground, close cylinder valve.
- Obtain full cylinder.
- Disconnect regulator from facepiece or low-pressure hose from regulator.
- Relieve excess pressure from regulator.
- Release clamp on bottle and remove cylinder from frame.
- Check pressure on new bottle (verbalize pressure reading).
- Place new cylinder in frame and secure clamp or closure.
- Check high pressure hose O-ring.
- Connect high pressure hose to cylinder.
- Open cylinder valve and check for leaks.
- Check cylinder and regulator gauges—should read within 100 psi of each other
- Close cylinder valve and relieve excess pressure from regulator, listen for low-pressure alarm.
- Fully extend all straps on SCBA backpack.
- Fully extend all straps on facepiece.

*Steps may vary with different SCBA’s*

**TIME:**  
2:00 Minutes

13- **Demonstrate routine maintenance procedures for an in-service SCBA: Inspect, clean, and sanitize an SCBA system.**

**REFERENCE:**  
NFPA 1001, 2008 Edition, 5.5.1

As per manufacture recommendations for SCBA used by department.

**CONDITION:**  
Given an SCBA and cleaning solution specified by manufacturer

**COMPETENCE:**  
- Inspect SCBA and facepiece.
- Wash facepiece and sanitize (verbalize sanitation procedure).
- Rinse in fresh water, hang to dry.
- Wash/rinse backpack (keep water from entering regulator).

**TIME:**  
5:00 Minutes
EMERGENCY RESPONSE - APPARATUS

14- Demonstrate safety procedures for mounting, use of seat belts, hearing protection and other safety equipment on apparatus, safely dismounting fire apparatus.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.2

CONDITION: Wearing full protective clothing, fire apparatus equipped with seat belts, radio headsets or other noise barriers.

COMPETENCE: • Use handrails, steps to mount apparatus.
• Secures safety devices as provided.
• Properly fasten seat belts.
• Don hearing protection if needed.
• Uses handrails or steps to dismount apparatus.

TIME: 2:00 Minute
FORCIBLE ENTRY

15- Demonstrate the proper care and maintenance of forcible entry tools and equipment.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4, 5.3.11, 5.3.12, 5.5.1

CONDITION: Wearing gloves and eye protection, given cutting, prying, pulling, or striking tools, chainsaw, ventilation fan (PPV), soap, water, brush, & rags.

COMPETENCE:
• Proper carry for each tool.
• Protect self and others from sharp or pointed edges during maintenance.
• Remove excess dirt with brush or hose.
• Wash tool with soap and water.
• Inspect tool head and handle for damage.
• Sharpen tool heads (per manufacture recommendations or department SOP).
• Dry tool and protect surface as per manufacture recommendations.

TIME: 5:00 Minute per tool

16- Demonstrate forcible entry and through-the-lock entry techniques for the following doors:

A. Swinging doors (stopped or rabbeted jamb).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE:
• Select proper forcible entry tool(s).
• Proper carry of tool.
• Try door before prying.
• Correctly identify door type (stopped or rabbeted).
• Pry or force entry at or near lock.
• Force door correct direction.

TIME: 1:00 Minute

B. Sliding doors.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE:
• Select proper forcible entry tool(s).
• Proper carry of tool.
• Try door before prying.
• Pry or force entry at lock or near bottom of door.
• Force door away from frame.

TIME: 1:00 Minute
C. Overhead doors.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper forcible entry tool(s).
• Proper carry of tool.
• Try door before prying.
• Force entry by prying upward from bottom of door or remove door panel and open with inside latch.
• Door blocked open immediately after forcing entry.

TIME: 1:00 Minute

17- Demonstrate forcible entry and through-the-lock entry techniques for the following windows:

A. Sliding windows.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper tool(s)
• Proper carry of tool.
• Try window before prying.
• Locate lock.
• Pry or force entry at proper location on window.

TIME: 1:00 Minute

B. Double hung windows.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper tool(s)
• Proper carry of tool.
• Try window before prying.
• Locate lock.
• Pry or force entry at center of lower sash.

TIME: 1:00 Minute
C. **Casement windows.**

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper tool(s).  
• Proper carry of tool.  
• Cut screen in same area.  
• Break lowest pane of glass.  
• Unlock and operate window crank.  
• Completely remove screen.

TIME: 1:00 Minute

18- Demonstrate forcible entry for the following exterior walls:

A. **Masonry.**

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper tool(s).  
• Proper carry of tool.  
• Correctly use tool(s) to force entry.  
• Identify possible hazards associated with breaching wall.

TIME: 5:00 Minutes

B. **Metal.**

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper saw or tool.  
• Proper carry of tool.  
• Find and mark studs or supports.  
• Cut along studs with saw or tool.  
• Identify possible hazards associated with breaching wall.

TIME: 5:00 Minutes
C. Wood.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.4

CONDITION: Wearing full protective clothing with eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), appropriate forcible entry tool.

COMPETENCE: • Select proper tool(s).
• Proper carry of tool.
• Remove exterior covering.
• Sound for studs or supports.
• Cut along studs.
• Identify possible hazards associated with breaching wall.

TIME: 5:00 Minute
SAFETY

19- Establish and operate in work area at an emergency scene.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.2

CONDITION: Given an emergency scene, (roadway, structure fire, vehicle fire) wearing full protective clothing, safety vest if operating on roadway, traffic and scene control devices, and an assignment.

COMPETENCE: • Proper PPE don prior to operating on scene
• Dismount apparatus in safe manner
• Establish safety zones as directed by IC
• Operate at emergency scene within safety zones

TIME: 3:00 Minutes

20- Demonstrate the use of SCBA to exit through a restricted passage.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.1, 5.3.9

CONDITION: Wearing full protective clothing, SCBA, restricted passage where firefighter cannot pass without a low profile.

COMPETENCE: • Loosen SCBA backpack (Leave facepiece on).
• Move SCBA backpack to side of firefighter.
• Enter restricted passage.
• Tighten SCBA backpack.

TIME: 3:00 Minutes

21- Demonstrate techniques for action when trapped or disoriented in a fire or hostile situation:

A. Search for an exit using hose line.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.5

CONDITION: Wearing full protective clothing, SCBA (SCBA facepiece covered), 150 ft. of 1 1/2” or larger hose with nozzle attached, 300 sq. ft. room, 2-Firefighter team.

COMPETENCE: • Call for help.
• Communicate to team members actions, problems or needs for assistance.
• Activate PASS device (if used by department).
• Search for and locate hose, find coupling.
• Use hose and follow to safety using male coupling as guide.
• Maintain contact with team member(s)verbally or physically.
• Exit hazardous area before exhausting air supply as a team.

TIME: 3:00 Minutes
B. **Search for an exit using a wall.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.3.5

**CONDITION:** Wearing full protective clothing, SCBA (SCBA facepiece covered), 300 sq. ft. room and 2-Firefighter team.

**COMPETENCE:**
- Call for help.
- Communicate to team members actions, problems or needs for assistance.
- Activate PASS device (if used by department).
- Search for wall.
- Find wall and follow to safety using right or left-hand technique.
- Maintain contact with team member(s) verbally or physically.
- Exit hazardous area before exhausting air supply as a team.

**TIME:** 2:00 Minutes
LADDERS

22- Demonstrate the proper carry, position, raise, and lower of a roof ladder.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.6, 5.3.10, 5.3.11, 5.3.12

CONDITION: Wearing full protective clothing and roof ladder.

COMPETENCE:
• Start 25 ft. from structure.
• Lift ladder with legs (not back) to carry position.
• Carry ladder correctly (tip or heel forward according to ladder type).
• Check for overhead obstructions (must verbalize).
• Determine structure stability (must verbalize).
• Butt and raise ladder to proper position.
• Check climbing angle.
• Lower ladder to ground.

TIME: 1:00 Minute (Lowering ladder not included in time)

23- Demonstrate the proper carry, position, raise and lower of 24 ft. or 35 ft. extension ladder.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.6, 5.3.10, 5.3.11, 5.3.12

CONDITION: Wearing full protective clothing, 24 ft. extension ladder (2-Firefighter team), 35 ft. extension ladder (4-Firefighter team).

COMPETENCE:
• Start 50 ft. from structure.
• Leader gives preparatory commands.
• Team lifts with legs.
• Proper carry to structure.
• Check for overhead obstructions (must verbalize).
• Determine structure stability (must verbalize).
• Raise fly section to proper height.
• Determine locks are engaged (must verbalize).
• Tie off halyard.
• Check climbing angle.
• Lower ladder to ground.

TIME: 3:00 Minutes (Lowering ladder not included in time)

24- Demonstrate procedure for climbing, working, anddescending from extension or aerial ladder with a tool, (with safety harness for aerial ladder).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.6, 5.3.10, 5.3.11, 5.3.12

CONDITION: Wearing full protective clothing, axe, extension or aerial ladder (safety harness for aerial ladder).

SAFETY ALERT: NEVER USE LEG LOCK ON AERIAL LADDER LADDER HEELED BY SECOND FIREFIGHTER OR TIED OFF

COMPETENCE:
• Check climbing angle of ladder.
• Climb with arms straight, body perpendicular to the ground.
• Climb smoothly and rhythmically.
• Maintain three points of contact with ladder while climbing.
• Carry tool properly.
• Lock-in around rung or use safety harness.
• Lock-in on opposite side from the working side.

TIME: 2:00 Minute
25- Demonstrate bringing a victim down a ladder from second story window or roof.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.9

CONDITION: Wearing full protective clothing, extension ladder, victim: conscious or unconscious.

SAFETY ALERT: LADDER HEELED OR TIED OFF SAFETY LINE OR HARNESS ON VICTIM OR USE RESCUE MANIKIN

COMPETENCE: • Ensure tip of ladder placed correctly for rescue (must verbalize).
• Proper carry of victim (conscious or unconscious).

TIME: 5:00 Minutes

26- Demonstrate deployment of a roof ladder on a pitched roof.


CONDITION: Wearing full protective clothing, roof ladder, extension ladder and 2-Firefighter team. (Begin with extension ladder placed on building).

COMPETENCE: • Raise roof ladder and place against extension ladder or roof.
• Properly climb extension ladder.
• Raise roof ladder with hooks open and facing away from firefighter on extension ladder.
• Carry roof ladder to the roofline and lock-in.
• Slide roof ladder up roof.
• Ensure hooks are securely grabbing peak of roof.

TIME: 2:00 Minutes

27- Demonstrate inspection, maintenance, and cleaning procedures for ground and/or aerial ladders.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.1

CONDITION: Given an extension ladder or a ladder on an aerial apparatus, soap, water, brush, rags, and 2-Firefighter team.

COMPETENCY: • Wash ladder with water, soap, brush and then dry ladder.
• Check rungs for looseness, cracks, dents, or unusual wear.
• Check all bolts, rivets, and welds for looseness.
• Check beams, trusses, and truss blocks for damage.
• Check all braces, slides, stops, locks.
• Check pulleys and halyards.
• Check heat sensor labels for color change.
• Mark any defects found.
• Check for smooth operation by raising and lowering ladder.

TIME: 10:00 Minutes
28- Demonstrate proper set-up of a Master stream (300 gpm or greater).

REFERENCE: NFPA 1001, 2008 Edition, 5.3.8

CONDITION: Wearing protective clothing, water supply, master stream appliance, 100 feet 2 1/2” hose or larger, 2-Firefighter team.

COMPETENCE: • Set up appliance.
• Connect hose line from apparatus to appliance.
• Signal for water.
• Exercise safety as hose lines charge.
• Adjust stream of appliance once water is at nozzle.
• Flow water.

TIME: 5:00 Minutes

29- Demonstrate the proper method for extending a charged hose line.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: Wearing full protective clothing, 150 ft. of 1 1/2” or larger hose, hose clamp, nozzle, 2-Firefighter team.

COMPETENCE: • Clamp hose approx. 3 feet behind nozzle, remove nozzle.
• Add 50’ section of hose.
• Replace nozzle and charge hoseline slowly.

TIME: 1:00 Minute

30- Demonstrate the proper method for replacing a burst section of hose.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: Wearing full protective clothing, 150 ft. of 1 1/2” or larger hose, hose clamp, nozzle, 2-Firefighter team.

COMPETENCE: • Clamp hose approx. 3 feet behind coupling.
• Drain hose at nozzle.
• Replace 2 sections for one burst section.
• Remove hose clamp and charge hoseline slowly.

TIME: 2:00 Minutes

31- Demonstrate coupling and uncoupling hose using the following:

A. Foot-Tilt method.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: With gloves, 100 ft. of 2 1/2” or larger hose.

COMPETENCE: • Place foot behind male end of hose and apply pressure to tilt male coupling.
• Connect female end to male end.

TIME: 20 Seconds
B. **Two-Firefighter method.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.3.10

**CONDITION:** With gloves, 100 ft. of 1 1/2" or larger hose.

**COMPETENCE:** • One firefighter holds male coupling and one firefighter holds female coupling.
  • Firefighter holding female coupling couples hose to male coupling using the Higbee indicator as a guide.

**TIME:** 20 Seconds

32- **Advance a charged and uncharged attack line from a pumper, for the following:**

A. **For ground level fire attack (structural, ground cover, vehicle).**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.3.10

**CONDITION:** Wearing full protective clothing, SCBA, 150 feet of 1 1/2" hose or larger, nozzle.

**COMPETENCE:** • Correctly unload hose from apparatus.
  • Advance hose to attack position.
  • Signal for water.
  • Open nozzle to bleed air from attack line and check stream pattern.

**TIME:** 2:00 Minutes

B. **Up a ladder to second floor window or roof.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.3.10

**CONDITION:** Wearing full protective clothing, SCBA, 2-Firefighter team, 150 feet of 1 1/2" hose or larger, nozzle, extension ladder.

**COMPETENCE:** • Correctly unload hose from apparatus.
  • Advance hose up the ladder.
  • Secure hose to ladder with hose straps or webbing.
  • Signal for water.
  • Open nozzle to bleed air from attack line and check stream pattern.

**TIME:** 3:00 Minutes

C. **Up/down an inside/outside stairway to upper/lower floors.**

**REFERENCE:** NFPA 1001, 2008 Edition, 5.3.10

**CONDITION:** Wearing full protective clothing, SCBA, 150 feet of 1 1/2" hose or larger, nozzle and 2-Firefighter team.

**COMPETENCE:** • Correctly unload hose from apparatus.
  • Advance to door, feel door for heat.
  • Signal for water.
  • Open nozzle to bleed air from attack line and check stream pattern.
  • Advance up or down 2 flights of stairs.
  • Lay hose against outside wall.

**TIME:** 3:00 Minutes
33- Demonstrate how to connect to a standpipe and advance a hoseline from the standpipe.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: Wearing full protective clothing, 100 feet of 1 1/2" or larger hose, 2-Firefighter team.

COMPETENCE: • Advance to standpipe with needed equipment.
• Connect to standpipe at connection below fire floor.
• Properly position hose line in stairwell.
• Advance the entire hose length, avoiding kinks.
• Signal for water.
• Open nozzle to bleed air from attack line and check stream pattern.

TIME: 2:00 Minutes

34- Demonstrate the following hose carries:

A. Single section drain and carry.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: Wearing full protective clothing, 50 ft. of 1 1/2" or larger hose.

COMPETENCE: • Pick-up coupling allowing water to drain.
• Place coupling in front of body with hose loop over shoulder.
• Layer hose on shoulder.
• Hose controlled and secured.

TIME: 1:00 Minute

B. Accordion shoulder carry.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.10

CONDITION: Wearing full protective clothing, 50 ft. of 1 1/2" or larger hose.

COMPETENCE: • Fold hose on ground.
• Line up folds and couplings.
• Lift hose to shoulder using legs.
• Hose controlled and secured.

TIME: 1:00 Minute

35- Demonstrate the following hose loads:

A. Load supply hose lines on fire apparatus using the Flat or Accordion hose loads.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.4

CONDITION: With gloves, 150 feet of 2 1/2" or larger hose, gate valve, 3-Firefighter team.

COMPETENCE: • Layer hose in hose bed.
• Use Dutchman where appropriate.

TIME: 3:00 Minutes

Louisiana Firefighter and Emergency Responder Certification
B. Load attack hose lines on fire apparatus using the flat, Triple fold or Minuteman hose loads.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.4
CONDITION: With gloves, 150 feet of 1 1/2" or 1 3/4" hose, 3-Firefighter team.
COMPETENCE: • Attach female coupling to discharge.
• Layer hose in hose bed.
• Use Dutchman where appropriate.
• Finish load with nozzle in correct location and secured.
TIME: 3:00 Minutes

36- Demonstrate the following hose rolls:

A. Straight roll.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.4
CONDITION: With gloves, 50 feet of 1 1/2" hose or larger.
COMPETENCE: • Roll hose with male coupling in the center.
• Lay completed roll on ground, tamp protruding coils.
TIME: 1:00 Minute

B. Donut roll.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.4
CONDITION: With gloves, 50 feet of 1 1/2" hose or larger
COMPETENCE: • Roll hose with male coupling inside roll and female coupling approximately 3’ ahead of male coupling.
• Lay completed roll on ground, tamp protruding coils.
TIME: 1:00 Minute

37- Demonstrate the procedures for cleaning, inspecting and maintaining: Fire hose and couplings.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.2
CONDITION: Fire hose, soap, water, brush or hose washing and drying equipment.
COMPETENCY: • Wash hose using clear water and a brush, if required use mild soap.
• Rinse with clear water.
• Wash couplings with clear water and a brush.
• Inspect hose for mechanical, thermal, or chemical damage.
• Inspect couplings for damage.
• Remove gasket from female coupling and pinch together, check for cracks.
• Reinstall gasket in female coupling.
• Check male threads for damage by threading in to female coupling.
• Mark and record any damage found, if necessary remove from service.
TIME: 5:00 Minutes
SEARCH AND RESCUE

38- Demonstrate proper techniques while conducting a search for a victim in a structure (with or without hose line or safety rope) and remove victim to safe area.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.9
CONDITION: Wearing full protective clothing, SCBA (covered facepiece), forcible entry tool, 2-Firefighter team, 300 sq.ft. room.
COMPETENCE: • Search on hands and knees.
• Use right or left hand search pattern.
• Call out for victim.
• Pause occasionally to listen for sounds.
• Locate victim and communicate it to command.
• Remove victim to safe area using appropriate drag or carry.
• Team integrity is maintained during search.
TIME: 6:00 Minutes for each 300 sq. ft. searched

39- Demonstrate proper rescue procedures for the following:

A. Move a victim 40 feet using the extremities carry.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.9
CONDITION: Wearing full protective clothing, 2-Firefighter team.
COMPETENCE: • Firefighter at head gives commands.
• Lift with legs.
• Perform correct carry.
• Move victim 40 feet.
TIME: 1:00 Minute

B. Move an unconscious firefighter with or without functioning SCBA, 40 feet using the coat drag.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.9
CONDITION: Wearing full protective clothing, 2-Firefighter team.
COMPETENCE: • Place firefighter face-up.
• Grasp fire coat by collar.
• Work as a team to move firefighter to safe area.
• Move firefighter 40 feet.
TIME: 1:00 Minute

C. Move an unconscious victim 40 feet using the blanket drag.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.9
CONDITION: Wearing full protective clothing, 2-Firefighter team and blanket.
COMPETENCE: • Place victim face-up.
• Roll victim to one side and place blanket under victim.
• Roll victim opposite side and pull blanket to other side of victim.
• Work as a team, grasp blanket near victims head and move to safe area.
• Move victim 40 feet.
TIME: 1:00 Minute
VENTILATION

40- Demonstrate determining the integrity of a roof by sounding.

CONDITION: Wearing full protective clothing, axe, ladder, rope.
COMPETENCE: • Sound roof before stepping on.
• Stay on roof supports.
• Sound roof to locate supports.
• Mark location of rafters or solid supports.

TIME: 2:00 Minutes

41- Demonstrate procedures for breaking window or door glass and removing obstructions, from ground level and while working from a ladder.

A. Ground level.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.11
CONDITION: Wearing full protective clothing, pike pole or axe.
COMPETENCY: • Stand to windward side of glass pane.
• Strike with tool at top of pane.
• Keep hands above point of impact.
• Stand at 45 degree angle to window/door if using pike pole.
• Clear all glass from frame or track.
• Remove screens and drapes.

TIME: 1:00 Minute

B. From ladder.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.11
CONDITION: Wearing full protective clothing, pike pole or axe.
SAFETY: LADDER HEELED BY SECOND FIREFIGHTER
COMPETENCY: • Place ladder to windward side of window.
• Correctly lock-in on ladder.
• Strike with tool at top of pane.
• Keep hands above point of impact.
• Clear all glass from frame or track.
• Remove screens and drapes.

TIME: 1:00 Minute
42- Demonstrate opening a 4 ft. x 4 ft. ventilation hole for all of the following for vertical ventilation.

A. Pitched or Flat roof.


CONDITION: Wearing full protective clothing, fire axe, power saw, pike pole, roof ladder, and 3-Firefighter team.

COMPETENCE:
- Proper use of roof ladder (with wind at firefighters back or side).
- Use spotter for safety.
- Sound roof and mark rafters or structural supports.
- Remove built up roof material.
- Correctly open ventilation hole.
- Use pike pole to push down ceiling and remove any barriers.
- Exit roof area once ventilation hole is completed.

TIME: 4:00 Minutes (time starts when cut begins)

B. Floor.


CONDITION: Wearing full protective clothing, chain saw, circular saw, or axe, and pike pole 2-Firefighter team.

COMPETENCE:
- Sound floor for structural supports.
- Correctly open ventilation hole.
- Use pike pole to remove any barriers.
- Exit once ventilation hole is completed.

TIME: 2:00 Minutes (time starts when cut begins)

43- Demonstrate the set up of a smoke ejector in a door or window to ventilate a structure using "negative pressure" ventilation.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.11

CONDITION: Wearing full protective clothing, SCBA, 2-Firefighter team, smoke ejector.

COMPETENCE:
- Place smoke ejector to exhaust in the same direction as the natural wind
- Seal around ejector to eliminate air churning
- Open windows and doors on windward side of structure to aid in ventilation process
- Keep airflow in as straight a line as possible
- Remove all obstacles to airflow
- Start smoke ejector

TIME: 3:00 Minutes
Demonstrate the set up of a high volume blower fan in a doorway for "positive pressure" ventilation of a structure.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.11

CONDITION: Wearing full protective clothing, SCBA, 2-Firefighter team, positive-pressure ventilation blower/fan.

COMPETENCY:
• Start positive pressure blower.
• Set blower so that the cone of air from the blower completely covers the door opening.
• Set blower so placement does not interfere with entry & exit of firefighters from the building.
• Exhaust opening should be 75 to 150 percent as large as the entry opening.
• Open interior doors systematically to maintain positive pressure in the structure.

TIME: 3:00 Minutes
OVERHAUL OPERATIONS

45- Demonstrate search and exposure of hidden fires in: walls, ceilings, and floors.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.7, 5.3.8, 5.3.13

CONDITION: Wearing full protective clothing, appropriate tools, flashlight, hose line or water extinguisher.

COMPETENCE: • Search for hidden fires using: sight, touch, sound, or electronic sensors.
• Feel for heat with the back of ungloved hand.
• With appropriate tool open walls, ceilings, and floors to expose hidden fire.
• Expose void spaces without compromising structural integrity.
• Use water as needed to extinguish hidden fires as found.
• Fire cause evidence is preserved

TIME: 5:00 Minutes
SALVAGE OPERATIONS

46- Demonstrate the proper folds and rolls for salvage covers:

A. Fold or roll a salvage cover for one-firefighter spread.


CONDITION: Wearing full protective clothing, minimum 10' X 12' salvage cover, 2-Firefighter team.

COMPETENCE: • Fold cover to reduce size.
• Fold with finish side out.
• Finish cover by rolling or folding.

TIME: 1:00 Minute

B. Fold or roll a salvage cover for two-firefighter spread.


CONDITION: Wearing full protective clothing, minimum 10' X 12' salvage cover and 2-Firefighter team.

COMPETENCE: • Fold cover to reduce size.
• Fold with finish side out.
• Finish cover by folding for two-firefighter spread.

TIME: 1:00 Minute

47- Demonstrate one-firefighter and two-firefighter deployment of a salvage cover.

A. One-firefighter deployment.


CONDITION: Wearing full protective clothing, minimum 10 ft. X 12 ft. salvage cover.

COMPETENCE: • Stack (cluster) objects to be covered.
• Lay cover in the center of objects to be covered.
• Unfold or unroll cover over all objects.
• Snap cover open at ends.
• Tuck cover in at bottom.

TIME: 1:00 Minute

B. Two-firefighter deployment (Balloon Throw).


CONDITION: Wearing full protective clothing, minimum 10 ft. X 12 ft. salvage cover and 2-Firefighter team.

COMPETENCE: • Stack (cluster) objects to be covered.
• Stretch the cover along one side of the object to be covered.
• Make several accordion folds with inside hand.
• Pull the cover tight and throw, pocketing as much air as possible.
• As a team float the cover over the object to be covered.
• Guide into position and tuck in at bottom.

TIME: 1:00 Minute
48- Demonstrate the proper construction of a water chute (minimum 10 ft.) down a stairwell or out a window.


CONDITION: Wearing full protective clothing, salvage cover, attic ladder or 2-pike poles and 2-Firefighter team.

COMPETENCE: • Open salvage cover.
  • Roll salvage cover edges over pike poles and turn over to create water chute.
  • Adjust water chute on ladder for water removal out window.
  • Remove water from structure.

TIME: 2:00 Minutes

49- Demonstrate the proper construction of a catchall.


CONDITION: Wearing full protective clothing, minimum 10ft X 12ft salvage cover and 2-Firefighter team.

COMPETENCE: • Open salvage cover.
  • Fold corners inward at 45 degree.
  • Roll sides inward approximately 3'.
  • Tuck the end roll under the side roll to lock.

TIME: 2:00 Minutes

50- Demonstrate the covering or closing of building openings including: doors, windows, floors, and roofs.


CONDITION: Wearing full protective clothing, appropriate materials to cover openings, 2-Firefighter team

COMPETENCE: • Select correct material to cover openings.
  • Use sufficient amount of material to cover the opening completely.
  • Tack edges of material down completely to keep weather out.

TIME: 5:00 Minutes

51- Separate, remove, and relocate charred material from un-charred material while protecting the area of fire origin for determination of fire cause.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.7, 5.3.8, 5.3.14

CONDITION: Wearing full protective clothing, appropriate tools and equipment, flashlight, hoseline or water extinguisher, two firefighter team.

COMPETENCE: • Separate charred from un-charred material.
  • Extinguish any smoldering material.
  • Remove charred material to safe area.
  • Preserve any evidence found by leaving where found.

TIME: 5:00 Minutes
52- Demonstrate stopping the flow of water from a discharging sprinkler head, using a wedge or stopper.

CONDITION: Wearing full protective clothing, wedges or stopper.
COMPETENCE: • Select appropriate tool. • Stop sprinkler flow.
TIME: 1:00 Minute

53- Operate a main control valve on an automatic sprinkler system from "open" to "closed" and then back to "open".

CONDITION: Wearing full protective clothing.
COMPETENCE: • Identify main control valve • Close valve fully • Open valve fully
TIME: 1:00 Minute

54- Demonstrate the procedure of inspection, cleaning, and maintaining salvage covers.

REFERENCE: NFPA 1001, 2008 Edition, 5.5.1
CONDITION: Salvage cover, soap and water, brushes or brooms.
COMPETENCE: • Demonstrate washing and drying salvage cover. • Inspect cover for tears or holes. • Mark holes if found and describe repair procedures.
TIME: 2:00 Minutes per cover
WATER SUPPLY

55- Demonstrate hydrant-to-pumper hose connections for a:

A. Forward hose lay.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.15

CONDITION: Wearing full protective clothing, 2 1/2” or larger supply hose, gate valves, spanner wrenches and hydrant wrench.

COMPETENCE:
• Select correct equipment to connect to hydrant.
• Loop hose around hydrant, secure hose (stand on correct side of hydrant).
• Signal apparatus to proceed.
• Connect hydrant gate valves.
• Open hydrant completely, flush, (open gradually to prevent water hammer).
• Charge hoseline (slowly) when signal is given.
• Shut hydrant down slowly to prevent water hammer and check drain.

TIME: 3:00 Minutes (Shutting down hydrant not part of time)

B. Reverse hose lay.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.15

CONDITION: Wearing full protective clothing, 2 1/2” or larger supply hose, gate valves, spanner wrenches, hydrant wrench, Wye-gate, reducers, 1 1/2” or larger attack line with nozzle, 2-firefighter team, or 3-firefighter team with 3” hose.

COMPETENCE:
• Select equipment needed to place one attack hose in service, and drop at scene. (attack hose 150’ in length).
• Remove and ground 50’ of supply hose from apparatus.
• Kneel on hose and signal apparatus to proceed.
• Connect attack hose to supply hose, and signal for water when ready.
• Charge hoseline, and open nozzle.

TIME: 3:00 Minutes

56- Demonstrate a hand lay of 300 feet of supply line, 2 1/2" or larger from a pumper to a water source.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.15

CONDITION: Wearing full protective clothing, appropriate equipment to connect to hydrant, 300 ft of supply hose, 3-Firefighter team.

COMPETENCE:
• Shoulder load 50’ of hose from hose bed, drag 50’ (per firefighter).
• Maintain equal distance between firefighters.
• Lay entire length with no kinks or tangles.
• Connect to hydrant.

TIME: 5:00 Minutes
57- Demonstrate the assembly and connecting of the equipment necessary for drafting from a static water supply source.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.15

CONDITION: Wearing full protective clothing, 2 sections of 2 1/2" or larger hard suction hose, appropriate adapters and tools, roof ladder, 2-Firefighter team.

COMPETENCE: • Fasten rope to strainer to aid in handling hard suction hose.
• Couple strainer to hard suction hose.
• Couple the two sections of hard suction hose together, taking care not to get dirt in coupling.
• Connect completed hose to apparatus.
• Use ladder to place hard hose on to keep out of dirt and mud.
• Uses rubber mallet to ensure air-tight connections.

TIME: 5:00 Minutes

58- Demonstrate the assembly and connecting of the equipment necessary for drafting from a portable water tank.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.15

CONDITION: Wearing full protective clothing, 2 sections of 2 1/2" or larger hard suction hose, appropriate adapters and tools, portable tank, 2-Firefighter team.

COMPETENCE: • Set up portable water tank.
• Fasten rope to strainer to aid in handling hard suction hose.
• Couple strainer to hard suction hose.
• Couple the two sections of hard suction hose together, taking care not to get dirt in coupling.
• Connect completed hose to apparatus.
• Uses rubber mallet to ensure an air-tight connection.

TIME: 8:00 Minutes
PORTABLE FIRE EXTINGUISHERS

59- Demonstrate the use of portable fire extinguishers on Class A, Class B, and Class C fires.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.16

CONDITION: Wearing full protective clothing including eye protection, class A-B-C portable extinguisher.

COMPETENCE: • Select correct extinguisher for type of fire. • Check pressure gauge. • Pull pin and squeeze handle to test extinguisher. • Approach fire upwind/upgrade. • Correctly extinguish fire by sweeping the nozzle back and forth at the base of the flames.

TIME: 1:00 Minute
FIREFIELD SUPPORT ACTIVITIES

60- Demonstrate safety procedures when using fire service lighting equipment.


CONDITION: Wearing full protective clothing, power supply (mounted or portable), lights, cords, connectors, ground-fault interrupter (GFI).

COMPETENCE: • Start power supply.
• Reset ground-fault interrupter (GFI) if necessary.
• Extend cord and light.
• Illuminate light.

TIME: 2:00 Minutes

61- Demonstrate shutting off utility services to a building:

A. Shut off propane tank or natural gas valve.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.18

CONDITION: Wearing full protective clothing, appropriate tool for natural gas or propane tank.

COMPETENCE: • Select correct tool.
• Turn valve(s) to the off position.

TIME: 30 Seconds

B. Secure power to structure by shutting off main power breaker.

REFERENCE: NFPA 1001, 2008 Edition, 5.3.18

CONDITION: Wearing full protective clothing.

COMPETENCY: • Select correct breaker.
• Switch breaker to the off position.

TIME: 30 Seconds