

CHANHASSEN FIRE DEPARTMENT FIREFIGHTER SKILLS



PRACTICAL STATIONS

FIRE HOSE, APPLIANCES, AND FIRE STREAMS

Practical Station One

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

Candidate must demonstrate competency in two of the following seven options:

Option #1: Demonstrate 2 different hose rolls:
NFPA 1001 (1997) 3-3.7(a), 3-3.9(b))

The candidate, given a length of fire service hose will demonstrate hose rolls as directed.

<u>Basic Hose Roll-straight roll</u>	<u>Deduction Pts</u>
Lay out the hose (do not bang/drop couplings)	5 _____
Position yourself for rolling	2 _____
Begin the roll	2 _____
Complete the roll	2 _____
Reposition the roll	2 _____
Align protruding coils	4 _____
Check the female coupling for a gasket	4 _____
Check condition of coupling threads	4 _____
	(25) _____
<u>One Person Doughnut Roll</u>	
Lay out the hose (do not bang/drop couplings)	5 _____
Fold the coupling for protection	2 _____
Form a bight	2 _____
Position yourself for rolling	2 _____
Roll the hose	2 _____
Complete the roll	2 _____
Reposition the roll	2 _____
Check the female coupling for a gasket	4 _____
Check the condition of coupling threads	4 _____
	(25) _____
	Deductions: _____
	SCORE (50): _____



Option #2: DEMONSTRATE FIRE SERVICE HOSE ADVANCES

NFPA 1001 (1997) 3-3.7(a), 3-3.9(b)

The candidate, operating as a member of a team, wearing full personal protective equipment including SCBA, given an attack line, and a ladder if needed, will advance: 1.) a charged 1 1/2 or 1 3/4 inch line into a structure or, 2.) a charged 2 1/2 inch line into a structure or, 3.) a charged 1 1/2 inch line up a ladder to a second floor landing or, 4.) a charged 2 1/2 inch line up an inside stairway to a second floor landing or, 5.) an uncharged 2 1/2 inch line up an outside stairway to a second floor level or, 6.) a charged 2 1/2 inch line down an inside or outside stairway to a lower floor level, in such a manner that team integrity is maintained, the attack line is deployed, the hose line is properly advanced and the assignment is completed. All actions will be carried out in a safe and controlled manner. The examinee will demonstrate one of these competencies.

Advancing a charged hoseline into a structure [NFPA 1001 3-3.7(a), 3-3.9(b)]

- Full personal protective equipment including SCBA FAIL _____
- Check and secure door before entering..... 10 _____
- Low body-positioning 10 _____
- Safe spacing of personnel on the same side of the fire hose 10 _____
- Probes the floor with tool to assess stability FAIL _____
- Crew communications 10 _____
- Cool ceiling with hose stream while advancing 10 _____
- (50) _____

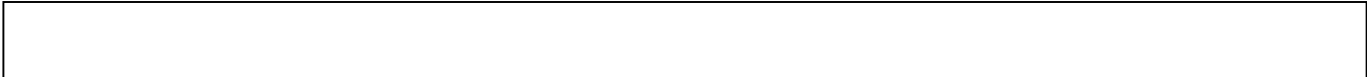
Advancing an uncharged hose up a ladder into a window [NFPA 1001 3-3.7(a), 3-3.9(b)]

- Fire fighters climb ladder approximately 10' apart..... 10 _____
- Hose looped over common shoulder 10 _____
- Nozzle oriented to the back of the lead firefighter 10 _____
- 20'/25' feet of hose between Firefighters..... 10 _____
- Bottom person feeds hose 10 _____
- (50) _____

Working from a ladder with a hose line [NFPA 1001 3-3.7(a), 3-3.9(b)]

- Firefighter secures ladder FAIL _____
- Hose placed through rung.... 10 _____
- Hose tied off / use of hose strap FAIL _____
- Slack secured 10 _____
- Nozzle opened when secure. 10 _____
- Stream directed at designated target 10 _____
- Firefighter secured to ladder 10 _____
- (50) _____

Deductions: _____



Option #3: FIRE SERVICE HOSE LOADS
NFPA 1001 (1997) 3-3.7(a) 3-3.9(b)

The candidate, given several fifty- foot lengths of fire service hose and a fire service engine/pumper will demonstrate fire service hose loads. The examine will demonstrate one of these competencies

Demonstrate a flat lay hosebed load (NFPA 1001 3.3)(1997):

Inspect the hose couplings for gasket and thread damage	5	_____
Position yourself for loading	5	_____
Start the hose load	5	_____
Place coupling in the hose bed	5	_____
Lay the fire service hose in the hose bed	5	_____
Make folds (loops) in the fire service hose	5	_____
Stagger couplings in the hose bed to allow for easy removal of the fire service hose	5	_____
Use a “dutchman” (a short fold or reverse bend) to position couplings for proper exit/unloading	5	_____
Start second or subsequent tier	5	_____
Stagger the folds of each tier	5	_____
	(50)	_____



Option #4: FIRE SERVICE HOSE COUPLINGS, CARRYING, AND DRAINING
NFPA 1001 (1997) 3-3.7(a) 3-3.9(B)

The candidate, given two lengths of 1 1/2 or 1 3/4 fire service hose will:

1.) demonstrate proper coupling and uncoupling of sections of fire service hose or 2.) demonstrate proper methods for adding an additional section of fire service hose or 3.) demonstrate a single section carry of 1 1/2 or 1 3/4 fire service hose or, 4.) demonstrate proper methods for replacing a burst section of fire service hose or, 5.) demonstrate a single section drain and carry of a 1 1/2 or 1 3/4 section of fire service hose, or 6.) demonstrate carrying 100ft of 1 1/2 or 1 3/4 fire service hose into a building, connect it to a standpipe, advance and extend the fire service hose for use with a 1 1/2 inch adjustable nozzle. The examinee will demonstrate two of the following competencies.

A.) Demonstrate proper coupling and uncoupling of two lengths of 1 1/2 or 1 3/4 fire service hose using the foot tilt method to couple hose and the knee press method to uncouple:

Position the fire service hose	2	_____
Position yourself and step on the fire service hose	2	_____
Inspect the couplings for gasket and thread damage	5	_____
Set the threads: align Higbee cut and indicator	2	_____
Connect the couplings	2	_____
Grasp the fire service hose	2	_____
Position (stand) the coupling	2	_____
Bend the fire service hose	2	_____
Position yourself properly and apply pressure	2	_____
Disconnect the couplings	2	_____
Lay down couplings without dropping	2	_____

(25) _____

OR

(B) Demonstrate the proper coupling and uncoupling of two lengths of 1 1/2 or 1 3/4 fire service hose using the over the hip method to couple the hose and the stiff arm method to uncouple the hose:

Position the fire service hose	2	_____
Inspect the couplings	5	_____
Position the female coupling for gasket and thread damage	3	_____
Set the threads: align Higbee cut and indicator	2	_____
Connect couplings	2	_____
Position yourself properly and grasp the couplings	2	_____
Compress the gasket in the couplings	5	_____
Disconnect the couplings	2	_____
Lay down the couplings without dropping	2	_____

(25) _____

OR

(C) Demonstrate a single section drain and carry of a 1 1/2 line 50ft in length:

Position the hose	3	_____
Position yourself	2	_____
Pick up the hose	2	_____
Loop the hose over one shoulder	3	_____
Walk forward	2	_____
Continue walking forward	2	_____
Adjust the load as necessary	3	_____
Carry the hose	5	_____
Lay the hose down	3	_____

OR

(25) _____

(D) Demonstrate carrying 100ft of 1 1/2 line into a building, connect to a standpipe, advance and extend the line for use with a 1 1/2 adjustable nozzle:

Carry hose into structure	10	_____
Detach the building hoseline from the standpipe or remove the cap from the fire department connection.	5	_____
Inspect the standpipe	5	_____
Connect the fire department hose	5	_____
Advance the hose	5	_____

(25) _____

Deductions: _____



Option #5: HYDRANT CONNECTION
NFPA 1001 (1997) 3-3.14(a)(b)

The candidate, acting as a member of a team, given six fifty-foot sections of 2 1/2 or 3 inch fire service hose, fire service hose tools, and a hydrant, will connect a fire department engine/pumper to a hydrant in such a manner that connections are tight (no leaks) and water flow is unobstructed. All actions will be done in a safe and controlled manner.

(A) Demonstrate laying 2 1/2 inch fire service hose from an engine/ pumper to a hydrant and complete all connections, leak free:

Direct the spotting of the engine/pumper	5	_____
Close booster tank valve	5	_____
Remove pump intake cap	5	_____
Connect intake hose to engine/pumper intake	5	_____
Stretch intake hose to hydrant	5	_____
Remove hydrant cap	5	_____
Inspect and flush hydrant	5	_____
Connect hose to hydrant (check fire service hose for gasket)	5	_____
Open hydrant fully	5	_____
Tighten any leaking connection	5	_____
	(50)	_____

OR

Option #6: DRAFTING FROM A STATIC SOURCE NFPA 1001 (1997) 3-3.14(a)(b)

The candidate, acting as a member of a team, 10' of appropriate hard suction sleeve, fire service hose tools, and a static water source, will connect a fire department engine/pumper to a the water source in such a manner that the connections are tight and water flow is unobstructed. All actions will be done in a safe and controlled manner.

Direct the spotting of an engine/pumper	5	_____
Close drains and valves	10	_____
Remove intake cap	5	_____
Check hard suction sleeve for gasket	10	_____
Connect hard suction sleeve to engine/pumper	5	_____
Open intake valve	10	_____
Attach strainer	5	_____
	(50)	_____

OR

LADDERS, CARRIERS, RAISES

Practical Station **TWO**

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 1001 3-3.5(a)(b), 3-3.11(b), 3-5.3(a)(b) (1997), CFD SOG 9.6

The candidate, wearing personal protective equipment, operating as a member of a team, and given a fire service ladder will demonstrate the proper method of carrying, raising and lowering the ladder. The candidate will further demonstrate proper technique in working off a ladder by: 1.) using rope to raise tools, or 2.) climbing and descending ladder with tools, or 3.) assisting a conscious or unconscious victim down the ladder or 4.) properly setting a roof ladder. All actions shall be carried out in a safe and controlled manner.

Carry and Raise Ladder

Deduction Pts

Wears personal protective equipment	FAIL	_____
Carries ladder butt forward	5	_____
Lift ladder in a coordinated manner (flat or beam raise)	5	_____
"Lift with legs" (was back vertical)	5	_____
Set butt in proper spot (secure top and bottom of ladder)	5	_____
Did "raiser" keep watch overhead for obstructions	FAIL	_____
Check for secure footing for ladder	5	_____
Keep hands and feet from between rungs during extension	5	_____
Extend ladder so that 5 rungs extended above roofline	FAIL	_____
Check for proper climbing angle	5	_____

Climbing and Working From Ladder

Tie halyard properly	5	_____
Check that ladder was properly butted (ladder or spanner belt)	5	_____
Keep back vertical	5	_____
Keep one hand for tool and one hand for self-control	5	_____
Climb rung to rung (slide hand on beam)	5	_____
Check pawl locks on way up	5	_____
Set Roof Ladder	5	_____
Check roof footing before stepping onto roof	FAIL	_____
Secure self to ladder (when working off ladder)	5	_____
Given proper rope tie approved knot and hoist selected tool or appliance to a height of at least 12ft.	5	_____

Lower Ladder

Lower in the beam or flat position	5	_____
Keep hands and feet from between rungs during retracting fly section	5	_____
Watch for overhead obstacles while lowering ladders	FAIL	_____
Butt ladder properly	5	_____
Tie halyard off	5	_____
	(100)	_____

Deductions: _____

SCBA AND SEARCH AND RESCUE

Practical Station Three

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

**NFPA 1001 3-1.1.2, 3-3.1(a)(b), 3-5.3(a)(b), 3-2.3(a)(b), 3-3.4(a)(b), 3-3.8(a)(b) (1997)
CFD SOG 4.1**

The candidate given appropriate tools and personal protective equipment including SCBA, will: 1.) demonstrate the correct inspection and maintenance procedures in such manner that the SCBA is checked for defects and wear, problems are documented and the unit is placed in service; 2.) demonstrate the correct procedure for donning the PPE and the SCBA in such a manner that the PPE is donned in sixty seconds or less and the SCBA is donned in sixty seconds or less so that all equipment is put on correctly and securely, SCBA is in service and the firefighter is "on air", 3.) operating as a member of a team, demonstrate the ability to perform a systematic search in a hostile environment in such manner that a victim is located and removed, 4.) demonstrate proper techniques to use when trapped or disoriented in a hostile environment, 5.) demonstrate the safe procedure to refill SCBA air cylinder and replace it in its harness. All actions shall be carried out in a safe and controlled manner.

Pre-Use Checklist – Did the examinee per manufacturers recommendations:

Check pants, coat, boots, gloves, and helmets, for damage and wear.	2	_____
Put on protective clothing checking to make sure that all parts of the firefighter are protected	2	_____

Check SCBA for damage and wear (Use with all options)

Extend all straps before donning	2	_____
Check for full tank gauge reading "full"	FAIL	_____

Donning – Did the examinee per manufacturers recommendations:

Turn on tank valve or main valve as necessary	4	_____
Compare tank gauge with regulator gauge	4	_____
Acceptable procedure for donning backpack,	4	_____
Fasten all harness straps properly	2	_____
Extend the coat collar free of straps	4	_____
Don facepiece, pull spider straps back, not sideways	4	_____
Check facepiece seal (pressure test)	FAIL	_____
Complete donning within 60 seconds	5	_____

Did the examinee as instructed:

Turned off appropriate utilities before entering the room	3	_____
Attempt to maintain orientation through wall, hoseline or lifeline	3	_____
Search systematically	FAIL	_____
Control breathing to maximize air capacity	3	_____
Communicate appropriately	4	_____
Demonstrate carry-drag	3	_____
Maintain orientation during rescue	FAIL	_____
Remain in hand-knee position during search	3	_____
When disoriented, go directly to wall or hose line	3	_____
Demonstrate procedures to use in event of SCBA failure	3	_____

Disoriented:

Remain Calm	5	_____
Find hose line	2	_____
Determine coupling direction (male point to fire)	2	_____
Keep low	2	_____
Make radio contact	5	_____
Make noise (shout, bang on something)	2	_____
Move toward the sound of the trucks, etc.	2	_____
Activate Pass Device	5	_____

After Exit – (Use with all options) Did the examinee:

Loosen all straps before removing facepiece and harness	4	_____
Close tank valve	4	_____
Get SCBA in a place safe from dirt and damage	4	_____
Bleed or breathe off excess pressure	1	_____

Cleaning - Did the examinee:

Remove gross particles and soap before sanitizing	4	_____
Clean small concealed spaces	4	_____
Inspect for damage during cleaning	10	_____
Recharge and/or replace cylinder	4	_____
Rinse facepiece	4	_____
Arrange for drying	4	_____

Deductions: _____

EXTRA:

Have candidate use buddy breather connection with another air pack.

FORCIBLE ENTRY, VENTILATION, AND SAFETY Practical Station **Four**

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

CFD SOG 9.5

(Must do two options)

OPTION #1: FORCIBLE ENTRY: DOOR, WINDOW, OR WALL

NFPA 1001 3-3.3(a)(b) (1997)

The candidate, given forcible entry tools will perform a forcible entry in such manner that the barrier is removed and the opening is in a safe condition and ready for entry. All actions will be carried out in a safe and controlled manner.

Tried door or window before forcing	5	_____
Proper protective clothing	10	_____
Lowered eye protection	FAIL	_____
Used appropriate tools (Saw for metal wall, Ram for block wall)	5	_____
Carried tools safely (Halligan Tool) (Pick-Head Axe)	10	_____
Force door properly (Remove hinge pins on outward opening, pry and slip on inward opening)	5	_____
Observed safety precautions	5	_____
Used method that caused the least amount of property damage	10	_____

(50) _____

OPTION #2: FORCIBLE ENTRY ROOF

NFPA 1001 3-3.11(a)(b)

The candidate, operating as a member of a team and wearing personal protective equipment including SCBA and given tools and ground and roof ladders, will perform vertical ventilation on a pitched roof structure. Ventilation will be performed in such a manner that the ladders are properly positioned for ventilation, a sufficient opening is created, all ventilation barriers are removed, structure integrity is not compromised, products of combustion are released, and the team successfully retreats from the area. All actions will be carried out in a safe and controlled manner.

Proper Personal Protective Equipment	FAIL	_____
Check footing before and while moving onto the roof	FAIL	_____
Sound out roof rafters	6	_____
Remove shingles and tarpaper before cutting	6	_____
Proper foot placement when chopping	6	_____
Maintain control of axe or chainsaw safely	10	_____
Make all cuts before removing boards	6	_____
Push down ceiling before the hold	6	_____
Cut structural members	10	_____

(50) _____



OPTION #3: POSITIVE PRESSURE VENTILATION
NFPA 1001 3-3.10, 3-3.11(a)(b) (1997)

The candidate, operating as a member of a team and wearing personal protective equipment and given a power ventilator, will properly place the device and direct the creation of proper openings in order to clear the structure of smoke and other combustion products. All actions will be carried out in a safe and controlled manner.

Assessed the structure/chose appropriate openings	20	_____
Placed blowers/ejectors properly	10	_____
Placed charged hose line(s) appropriately	10	_____
Maintain ventilation path	10	_____
	(50)	_____

Option 4: Hydraulic Ventilation
NFPA 1001 3-3.10(a) (1997)

The candidate, operating as a member of a team and wearing personal protective equipment and given an attack line and an open window, will properly direct the stream in such a manner as to remove smoke and combustion products from the room. All actions will be carried out in a safe and controlled manner.

Ensured window opening was completely open	5	_____
Ensured water spray would not injure others or damage property	10	_____
Positioned self 3 to 8 feet from window on floor	5	_____
Directed stream out window	5	_____
Adjusted pattern to fill window	5	_____
Monitored air flow into room (Watch for "Pulling Fire")	10	_____
Opened and closed nozzle slowly	10	_____
	(50)	_____

ROPES & KNOTS

Practical Station Eight

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 3-1.1.1, 3-1.1.2, 3-5.3, 3-5.3(a)(b) (1997)

The candidate will identify specified knots, the use of each knot, correctly tie knot (with gloves), inspect, maintain and store rope, and hoist fire service tools and appliances, given a 20' foot length of 1/2 inch rope, so that the knot is identified, tied within 10 seconds, maintenance, inspection, and storage of rope is demonstrated and the tools or appliances are hoisted safely and the assignment is completed.

Tying specified knots, dressed, and with a safety [NFPA 3-1.1.1, 3-1.1.2 (1997)]

- Wears Personal Protective Equipment FAIL _____
- Figure 8 on a bight ... 10 _____
- Double Figure 8 on a bight. 5 _____
- Clove hitch 5 _____
- Half hitch 5 _____
- Single becket- sheet bend 5 _____
- Over hand safety ... 10 _____

Tie each tool to be hoisted [NFPA 1001 3-1.1.1, 3-1.1.2 (1997)]

- Tie and hoist a roof ladder with the proper knot 10 _____
- Tie and hoist a charged hoseline with the proper knots & hitches 10 _____
- Tie and hoist a pike pole (pike end up) with proper knots/hitches 10 _____
- Tie and hoist a pick head axe with the proper knots & hitches 10 _____
- Tie and hoist a halligan tools with the proper knots & hitches 10 _____
- Demonstrate inspection, maintenance, and storage of a rope 10 _____
- (100) _____

Deductions: _____

VEHICLE EXTRICATION

Practical Station Nine

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 1001 4-2.2, 4-2.2(a)(b), 4-4.1, 4-4.1(a)(b) (1997), CFD SOG 8.4.2

The candidate, acting as a member of a team will extricate a simulated patient from a vehicle, given an assignment, PPE, and rescue tools, so that safety and team integrity are maintained, scene size up is performed, the vehicle is stabilized, hazards are recognized and controlled, coordination with emergency medical personnel is maintained, the patient is disentangled from the vehicle, and removed from the vehicle in a timely manner.

Communications [NFPA 1001 4-2.2, 4-2.2(a), 4-2.2(b) 1997]

- **Communicates to all levels of IMS.** _____ **5**
- **Uses communications equipment properly** _____ **5**
- **Follows proper radio communications procedures.....** _____ **5**

Size-up procedures [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b) (1997)]

- **Safely approaches the vehicle.....** _____ **10**
- **Uses inner-outer circle to evaluate the scene** _____ **5**
- **Identifies hazards and controls them (includes body substance isolation)** _____ **FAIL**
- **Implements and communicates action plan.....** _____ **5**

Stabilization procedures [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b) (1997)]

- **Stabilizes vehicle(s) before gaining access to patient** _____ **FAIL**
- **Checks vehicle stabilization periodically** _____ **5**

Gaining access [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b) (1997)]

- **Entry made to evaluate the patient(s).....** _____ **5**
- **Entry accomplished safely for patient and rescuer.....** _____ **10**

Disentanglement procedures [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b)(1997)]

- **Properly used tools to disentangle patient.....** _____ **5**
- **Properly used support equipment to facilitate disentanglement** _____ **5**
- **Accomplished disentanglement without causing further injury** _____ **5**
- **Accomplished disentanglement safely** _____ **5**

Extrication path [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b) (1997)]

- **Communicates effectively with EMS providers.....** _____ **5**
- **Works as a team/does not interfere with the EMS personnel** _____ **5**

Patient removal [NFPA 1001 4-4.1, 4-4.1(a), 4-4.1(b) (1997)]

- **Removes patient properly without causing further injury** _____ **5**
- **Accomplishes patient removal safely** _____ **5**
- **Reevaluates plan and changes it accordingly** _____ **5**

Deductions: _____

STANDPIPE OPERATIONS

Practical Station Ten

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 1001 3-3.7 (a)

The candidate shall set up a hoseline using a standpipe as the water source. The candidate must demonstrate the proper techniques for the usage of handline hooked up to a standpipe system.

SET UP

- Properly identify fire department connection location. 5
- Properly hook up to the FDC. FAIL
- Access the stair tower in the building. 5
- Locate the standpipe to be used. 10
- Properly set up the hose for the standpipe operation. 10
- Properly charge the hose line. 10
- Secure the Elevator if needed. 10
- Bring ALL tools needed for the operation. FAIL

OPERATIONS

- Properly enter the fire floor from the stair tower. 10
- Properly communicate the procedure for back-up lines. 10
- Enter the fire floors in a safe manner. FAIL
- Communicate that the fire is "under control". 10
- Maintains communication with the ICS system. FAIL

TEAR DOWN

- Properly take down the standpipe operation. 5
- Properly take down the FDC. 5
- Properly repack the Apartment bundles. 10

Deductions: _____

RAPID INTERVENTION TEAM (RIT)

Practical Station Eleven

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 1001 4-4.2
CFD SOG 8.2.6

The candidate shall lead a Rapid Intervention Team (RIT) in the search and rescue of a downed firefighter. The candidate shall use the proper tools to ensure a rapid and safe extrication.

The candidate, acting as a member of a team, will assist a technical rescue team, given procedures, rescue equipment and an assignment, so that proper tools are recognized, retrieved and the assignment completed.

Communications

- Communicates with all levels of IMS..... _____ 5
- Properly uses given communications equipment..... _____ 5
- Maintains Accountability _____ FAIL

Rescue Equipment

- Retrieves the correct equipment per assignment/scenario _____ 5
- Stages all equipment in the correct place..... _____ 5
- Tests all equipment retrieved for readiness _____ 5

Assignment

- Area is set up for assignment/scenario _____ 5
- Area set up safely for assignment/scenario _____ 5
- Uses all tools correctly and safely _____ 5
- Properly uses all required PPE _____ 10
- Locates downed firefighter _____ 20
- Safely removes the firefighter from the structure _____ 15

Termination of the assignment

- Communicates outcomes to IC..... _____ 5
- Places all equipment back in services _____ 5
- Identifies any equipment that should be taken out of service..... _____ 5

Deductions: _____

RESCUE OF VICTIMS

Practical Station Twelve

Candidate #: _____ **Examiner:** _____ **SCORE:** _____
NFPA 1001 4-4.2

The candidate shall demonstrate the various types of rescue techniques for the removal of victims from a structure.

Single Firefighter

Rescue from structure

- Use of all PPE..... _____ **FAIL**
- Demonstrates a proper use of the extremities drag of victim. _____ **10**
- Demonstrates a proper use of an incline drag. _____ **10**
- Does not cause further injury to victim. _____ **FAIL**
- Brings the victim to a safe location. _____ **10**

Rescue from a Ladder

- Use of all PPE..... _____ **FAIL**
- Locates victim _____ **10**
- Demonstrates the removal of a conscious victim. _____ **10**
- Demonstrates the proper removal of an unconscious victim. _____ **10**
- Does not cause further injury to victim. _____ **FAIL**
- Brings the victim to a safe location. _____ **10**

Two Firefighters

- Use of all PPE..... _____ **FAIL**
- Demonstrate a proper two- firefighter carry- extremities lift..... _____ **10**
- Demonstrate a proper two- firefighter carry- chair lift..... _____ **10**
- Does not cause further injury to victim. _____ **FAIL**
- Brings the victim to a safe location. _____ **10**

Deductions: _____

AERIAL LADDER OPERATIONS

Practical Station Thirteen

Candidate #: _____ Examiner: _____ SCORE: _____
NFPA 1002, Standard for Fire Department Driver/ Operator Professional Qualifications
(1993).

The objective of this test is to check the Aerial operators knowledge of the apparatus they are operating and demonstrate safe operations of the Aerial. Also, show proper tactical considerations for the use of the apparatus.

Candidate shall;

- Verbalize the departments SOG's for the ladder operation.
(Belts and person on platform)..... _____ 5
- Verbalize safety considerations. (Power lines and Working surface) _____ FAIL
- Properly chalk both front wheels _____ FAIL
- Properly start apparatus. _____ 5
- Properly engage PTO and Ladder Power. _____ 5
- Properly affix metal plates to the outriggers. _____ FAIL
- Properly deploy outriggers. _____ FAIL
- Properly raise apparatus. _____ 5
- Properly install safety pins. _____ FAIL

On Platform

- Verbalize Max. Capacity of bucket. _____ 5
- Explain the load and reach chart. _____ 5
- Verbalize optimum stability. (Front and Rear of apparatus). _____ 5
- Explain ALL emergency controls for the Aerial. _____ 10
- Explain ALL components on the operators council on the platform. _____ 5
- Properly engage the air system. _____ 5
- Explain intercom system on apparatus. _____ 5

In Bucket

- Explain all electrical components and how they work. _____ 5
- Explain how to use all water discharges from bucket. _____ 5
- Properly connect to air in the bucket. _____ 5
- Properly operate the Aerial from the bucket.
Instructor will choose maneuvers. _____ FAIL
- Operate simultaneous movements of Aerial. _____ 5
- Demonstrate proper techniques for approaching buildings. _____ 5
- Demonstrate how to exit and enter the bucket. _____ 5
- Properly re-seat the Aerial. _____ 5
- Properly shut down the aerial. _____ 5

Deductions _____

MASTER STREAMS

Practical Station Fourteen

Candidate #: _____ Examiner: _____ SCORE: _____
NFPA 1001 4-4.2

The objective of this test is to check the Firefighters skills on setting up master streams. The Firefighter must safely complete all tasks.

- Remove master stream from top of truck. 10
- Remove master stream base from truck. 10
- Assemble nozzle to base. 10
- Demonstrate use of the following hose sizes: 2 – 2 1/2", 1 – 4", 1 – 5". 10
- Demonstrate proper anchoring. FAIL
- Demonstrate use of fog nozzle. 5
- Demonstrate use of stacked tips. 5
- Verbalize minimum angle of nozzle. 5
- Demonstrate operation of master stream. 5
- Demonstrate use of extension pipe on top of truck. 5
- Demonstrate use of nozzle below pre-set elevation angle. 10
- Verbalize number of firefighters required to use master stream. ... 10
- Demonstrate proper re-installation of master stream to top of truck. 10

Deductions _____

SPRINKLER SYSTEMS & FIRE ALARMS

Practical Station Fifteen

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 1001 3-3.13(a) 4-5.1
CFD SOG 8.3.2, 8.3.4, 8.3.6

The objective of this test is to check the firefighters ability to properly operate fire alarms and sprinkler valves.

SPRINKLER SYSTEMS

- Properly identify sprinkler riser and type of system. 5
- Operate the main control valve. 5
- Operate the Main Drain. 5
- Identify the location of the inspectors test. 5
- Identify locations of any Aux. Drains. 5
- Identify the spare sprinklers. 5
- Identify the monitoring company. 5
- Identify/ operate the PIV. 5
- Identify the Fire Department Connection. 5
- Identify the pressure gauges. 5

FIRE ALARMS

- Properly identify fire alarm panel. 5
- Properly identify the zones that are in alarm. 5
- Properly identify the device involved. 5
- Properly silence the alarm system. 5
- Identify the monitoring company. 5
- Identify the procedure for a false trip of the alarm. 5
- Properly identify a trouble signal. 5
- Properly silence a trouble signal. 5
- Identify the reset button. 5
- Properly put the alarm system back in service. 5

Deductions _____

FOAM OPERATIONS

Practical Station Sixteen

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 1001 3-3.7(a) 4-3.1

The candidate will extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply so that the proper type of foam concentrate is selected for a given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished and resignation is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.

Communications [NFPA 1001 4-2.2, 4-2.2(a), 4-2.2(b) (1997)]

- Communicates to all levels of IMS _____ 5
- Uses communications equipment properly _____ 5
- Follows good radio communications procedures _____ 5
- Evaluates Scene (No exposures-no attack)..... _____ 5

Fireground Operations [NFPA 1001 4-3.1, 4-3.1(a), 4-3.1(b)]

- Maintains accountability _____ FAIL
- Selects nozzle, hose and water source _____ 5
- Sets up in five minutes or less _____ 10
- Positions attack and backup line for suppression activities. _____ 5
- Prepares foam concentrate, checking type and percentage _____ 10
- Assembles foam stream components _____ 5
- Checks flow of water and removes any air in line _____ 5
- Attacks fire with wind at back, if possible _____ 5
- Approaches the fire in a safe manner _____ FAIL
- Applies suppression agent sufficient to extinguish fire _____ 5
- Extinguishes fire _____ 5
- Retreats from the fire in an accepted manner _____ 5
- Maneuvers are completed in a timely manner _____ 10
- Maneuvers are completed in a competent manner _____ 10
- Maneuvers are completed in a safe manner _____ FAIL

Deductions _____

HAZ-MAT- PRODUCT ID & SCENE OPS

Practical Station Seventeen

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 471 3-3
CFD SOG 8.5.4, 9.8

The candidate must identify a given hazardous material. They should respond at the operational level ONLY. All safety hazards to personnel should be identified and precautions taken to reduce the risk of exposure. The candidate shall direct a team in a defensive operation on a hazardous materials scene.

PREPAREDNESS

- Identifies product(s) involved _____ **6**
- Researched product(s) involved.... _____ **4**
- Identifies primary hazard..... _____ **FAIL**
- Identifies secondary hazard . _____ **4**
- Identifies PPE including respiratory protection _____ **FAIL**
- Selects appropriate plan of action. _____ **4**
- Estimated speed of spill _____ **4**
- Reviewed terrain.... _____ **4**
- Reviewed current weather and its effects..... _____ **4**
- Predicts behavior of material(s)..... _____ **4**
- Predicts behavior of container(s) _____ **4**

OPERATION

- Establishes and enforces scene control procedures _____ **6**
- Initiates an Incident Command System _____ **4**
- Demonstrates control technique: absorption, damming, diking, dilution, diversion, retention, vapor dispersion, vapor suppression _____ **8**
- Uses buddy system .. _____ **6**
- Did not get into the chemical..... _____ **5**
- Had backup control device .. _____ **5**
- Doffs PPE correctly _____ **5**
- Evaluates effectiveness of operations _____ **6**
- Describes circumstances requiring withdrawal _____ **4**
- Communicates status of response to IC _____ **4**
- Performs emergency decontamination ... _____ **5**
- Identifies the potential secondary contamination _____ **4**
- Maintains accountability _____ **FAIL**

Deductions: _____

HAZMAT- DECONTAMINATION

Practical Station Eighteen

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 471 7-1
CFD SOG 8.5.4, 9.8

The candidate shall identify the proper type of decontamination system to set up to decontaminate victims, responders, tools, and equipment.

SETUP

- Identifies product(s) involved _____ FAIL
- Sets up a decontamination cooridoor for incident _____ FAIL
- Identify type of decon system to set up. (Wet or Dry)..... _____ 5
- Identifies all parts to the decontamination system _____ 5
- Identifies a decontamination team _____ 5
- Properly set up a decontamination system. _____ 5

OPERATIONS

- Communicates status with the IC _____ 10
- Coordinates the victims through the system _____ 5
- Properly decontaminates the victims. _____ 5
- Coordinates the responders through the system _____ 5
- Properly decontaminates the responders. _____ 5
- Ensures all equipment is decontaminated..... _____ 5
- Ensures that all decon personnel go through the system _____ 5
- Coordinates with EMS for evals _____ 10

TAKE DOWN

- Properly coordinates the take down of the system _____ 10
- Identifies that ALL equipment has been properly deconed _____ 10
- Properly completes all paperwork _____ 10

Deductions: _____

WATER RESCUE - SURFACE

Practical Station Nineteen

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 1670 Chapter 7

CFD SOG 8.4.3

The candidate shall demonstrate the removal of victims from the surface of a waterway. The candidate shall demonstrate the skills to use all the appropriate water rescue equipment.

SET UP

- Prepares equipment for usage..... _____ **5**
- Dons a water rescue suit OR Life Jacket _____ **FAIL**
- Properly launches the boat _____ **10**
- Properly launches the Ice Rescue sled _____ **10**

OPERATIONS

- Safely approaches the victim _____ **FAIL**
- Properly retrieves the victim from the water _____ **10**
- Communicates with the victim _____ **10**
- Transfers the victim to EMS for treatment and transport _____ **10**

TAKE DOWN

- Properly return all equipment to its proper location _____ **20**
- Ensure all equipment is ready for usage _____ **15**
- Completes all paperwork for the incident _____ **10**

Deductions: _____

WATER RESCUE- DIVE SUPPORT

Practical Station Twenty

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 1670 Chapter 7

CFD SOG 8.4.3, 8.4.5

The candidate shall properly assist a diver prepare for a dive operation. The candidate shall operate as a part of a dive team tending a diver.

SET UP

- Identify and use CFD Dive Operations Plan _____ 15
- Prepares equipment for usage..... _____ 5
- Properly helps diver don equipment _____ 5
- Properly set up communication equipment _____ 10
- Dons a Life Vest _____ FAIL

OPERATIONS

- Properly tends a diver _____ 15
- Maintains communications with the diver _____ FAIL
- Ensures that search is being covered by the diver _____ 15
- Guides the search in a coordinated manner _____ 5

TAKE DOWN

- All equipment back in service _____ 10
- All paperwork completed and logs filled out _____ 20

Deductions: _____

THERMAL IMAGING

Practical Station Twenty-One

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

The student will be able to fully operate the thermal imaging device. The student will demonstrate all operations for the camera. The student will also demonstrate their ability to recognize objects in a dark room.

Start Up:

- Identify parts of the camera. Lens, handles, proper position, etc. 5
- Demonstrate how to change the battery. 10
- Demonstrate how to properly charge the battery. 5
- Demonstrate how to attach the handle. 5
- Turn unit on. FAIL
- Turn the remote video on. 5
- Check battery charge. 10
- Identify proper caring of the camera. 5
- Demonstrate how the TV and record feature works. 5

Use:

- Demonstrate proper positions for best use of camera. 5
- In a dark room identify 3 objects. 15
- Identify the temperature of different objects. 5

Shut Down:

- Properly turn of the remote video. 5
- Properly turn the unit off. FAIL
- Properly exchange the battery in the unit. FAIL
- Properly put the old battery in the charger. FAIL
- Properly clean the unit. FAIL
- Properly put the unit back into the case. 10
- Properly shut down the TV. 10

Deductions: _____

AIR MONITORING

Practical Station Twenty-Two

Candidate #: _____ Examiner: _____ SCORE: _____

NFPA 471 4-5.1

CFD SOG 8.5.4, 9.8

The candidate, given hazardous material, must properly operate air monitoring equipment. They should respond at the operational level ONLY. All safety hazards to personnel should be identified and precautions taken to reduce the risk of exposure. The candidate shall assist a team in a defensive operation on a hazardous materials scene.

PREPAREDNESS

- Identifies product(s) involved _____ 6
- Researched product(s) involved.... _____ 4
- Identifies primary hazard..... _____ FAIL
- Identifies secondary hazard . _____ 4
- Identifies PPE including respiratory protection _____ FAIL
- Selects appropriate plan of action. _____ 4
- Estimated speed of spill _____ 4
- Reviewed terrain.... _____ 4
- Reviewed current weather and its effects..... _____ 4
- Predicts behavior of material(s)..... _____ 4
- Predicts behavior of container(s) _____ 4

OPERATION

- Properly set up monitoring equipment. _____ FAIL
- Properly set up any sampling probes. _____ 5
- Identify the alarm settings for each sensor
 - LEL-10%..... _____ 5
 - O2- 19.5% & 22% _____ 5
 - CO- 35 PPM _____ 5
 - H2S- 10 PPM _____ 5
- Complete a proper fresh air set up. _____ FAIL
- Identify the Vapor Density for the product. _____ 5
- Monitor in the area where the vapor might be located. _____ FAIL
- Demonstrate the proper techniques for monitoring a room. _____ 5
- Log all readings. _____ 5
- Demonstrate the use of all buttons and their purpose. _____ 10
- Change the battery. _____ 5
- Properly demonstrate how to shut the unit down. _____ 4
- Demonstrate the proper cleaning and storage for the unit. _____ 3

Deductions: _____

TOOLS & EQUIPMENT

Practical Station Twenty-Three

Candidate #: _____ **Examiner:** _____ **SCORE:** _____

NFPA 1001 4-5.2, 4-5.2(a)(b)(1997)

The candidate will demonstrate ability to inspect, operate, and maintain powered fire fighting tools, given an assortment of tools, so that manufacturer specifications are followed, operation of the tool is accomplished safely, and maintenance records are maintained.

Maintenance and inspection criteria [NFPA 1001 4-5.2, 4-5.2(a) (1997)]
Describes maintenance and inspection procedures per manufacture specifications for the following equipment.

Chain Saw

- **Check Fuel** _____ **10**
 - **Check Oil** _____ **10**
 - **Wear Proper PPE and Eye Protection** _____ **FAIL**
 - **Start Saw** _____ **FAIL**
 - **Demonstrate use of Safety Equipment**..... _____ **FAIL**
 - **Shut down Saw** _____ **10**
 - **Shows preventative maintenance** _____ **10**
- _____ **(40)**

K-12 Saw

- **Check Fuel** _____ **10**
 - **Check Oil** _____ **10**
 - **Wear Proper PPE and Eye Protection** _____ **FAIL**
 - **Start Saw** _____ **FAIL**
 - **Demonstrate use of Safety Equipment** _____ **FAIL**
 - **Shut down Saw** _____ **10**
 - **Shows preventative maintenance** _____ **10**
- _____ **(40)**

Portable Generator

- **Check Fuel** _____ **5**
 - **Check Oil** _____ **5**
 - **Start Generator**..... _____ **FAIL**
 - **Put a load on the generator** _____ **FAIL**
 - **Shut down generator** _____ **5**
 - **Shows preventative maintenance** _____ **5**
- _____ **(20)**

Deductions: _____

SCORE _____ **(100)**