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| **FIREFIGHTER I** |
| **PPE** |
| **1-PPE FIELD DECONAMINATION** |
| * Doff SCBA |
| * Verbalize the use of hoseline to rinse off all PPE and equipment |
| * Doff PPE |
| * Verbalize the need to bag contaminated PPE |
| * Verbalize the need for formal cleaning * Inspect all equipment for damage |
| *5 minutes* |
| **2- Donning PPE** |
| * Don hood (hood may be rolled down around collar of coat) |
| * Don and fasten all closures on pants/boots and coat |
| * Collar turned up on coat/hood rolled on collar |
| * Don helmet and tighten chin strap (helmet ear flaps down) |
| * Don gloves |
| * Doff protective clothing and place back in-service |
| *1 minute (No time limit for doffing)* |
| **ROPES** |
| **3- Hoisting tools: Fire axe, pike pole, roof ladder, hose** |
| * Select tool to be hoisted |
| * Tie with an approved knot for hoisting |
| * Use ‘tag’ line when directed |
| * Hoist tool or equipment |
| *1 Minute (Hoisting time not included in the 1 minute)* |
| **4-Tie all knots per knot sheet** |
| **5- Inspecting, cleaning, and storing rope after use:** |
| * Identify type of rope, life safety or utility |
| * Inspect rope for damage or wear |
| * Wash rope using approved method |
| * Dry rope using the approved method |
| * Bag or coil rope |
| * Document the use of the rope and inspection on rope log |
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| *3 Minutes per 50 feet( Coiling or bagging rope)* |

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| **RADIO AND PHONES** |
| **6- Report of a fire or emergency:** |
| * Identify self |
| * Record time of call |
| * Record type and address of incident |
| * Record callers name and call back number |
| * Ask questions for additional information * Advise caller to call 911 |
| * Hang up after caller * Relay message to dispatch |
| *1 Minute* |
| **7- Receiving a business or personal call from public:** |
| * Identify self |
| * Record time of call |
| * Record message |
| * Record callers name and call back number |
| * Hang up after caller * Relay caller’s information |
| *1 Minute* |
| **8- Use of mobile and portable radio equipment:** |
| * Turn on power |
| * Set to correct channel |
| * Adjust volume |
| * Adjust squelch (If radio is equipped) |
| * Perform radio check (Simulate) |
| *1 Minute* |
| **SCBA** |
| **9- Identify and describe each SCBA component:** |
| * Backpack/harness |
| * Air cylinder- cylinder, valve, and pressure gauge |
| * Regulator assembly- high pressure hose, low pressure alarm, main line valve, emergency by-pass, secondary gauges |
| * Face piece assembly- low pressure hose, exhalation valve and head harness |
| * PASS device |
| *5 Minutes* |
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| **10- Don SCBA:** |
| * Crouch or kneel at SCBA (if donned from ground). |
| * Check SCBA cylinder pressure gauge (Must verbalize pressure) |
| * Open cylinder valve fully |
| * Check regulator and cylinder gauge to match *(Within 100psi)* |
| * Don backpack and fasten/tighten all straps (Over-the-head or coat method) |
| * Don face-piece adjust head harness, check seal and exhalation valve |
| * Don protective hood (No hair or skin showing) * Don Helmet with chin strap secured |
| * Attach low pressure hose to regulator or face-piece |
| * Ensure PASS is activate * Don gloves (No skin showing) |
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| *1 Minute* |
| **11 Demonstrate emergency procedures in the event of SCBA failure:** |
| **A- Skip breathing** |
| * Inhale normally (As during regular breathing) |
| * Hold breath (As long as it would take to exhale) |
| * Inhale again |
| * Exhale slowly |
| *1 Minute* |
| **B- Emergency procedures for face piece failure:** |
| * Notify partner of problem |
| * Activate emergency communications (Mayday) |
| * Activate PASS * Exit structure with partner |
|  |
| *1 Minute* |
| **C- Emergency procedures for interruption/restricted air flow:** |
| * Notify partner of problem |
| * Activate emergency communications (Mayday) |
| * Activate PASS |
| * Operate by-pass: 1. Open By-pass valve, inhale   2. Close By-pass valve,  3. Repeat as needed. |
| * Begin to exit structure with partner |
| *1 Minute* |
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| **D- Emergency procedure in the event of Free Flow air** |
| * Notify partner of problem |
| * Activate emergency communications (Mayday) |
| * Activate PASS |
| * Exhale forcefully to reset valve or regulator |
| * If exhaling does not resolve problem, open and close By-pass valve once |
| * If By-pass valve doesn’t resolve problem, restrict flow of air out of air cylinder by closing bottle valve, and opening as needed |
| * Crack bottle open, take breath, close bottle, repeat as needed |
| * Begin to exit structure with partner |
| *1 Minute* |
| **E- Emergency procedure in the event of Exhalation valve being ‘seared’ shut** |
| * Notify partner of problem |
| * Activate emergency communications (Mayday) |
| * Activate PASS |
| * Hold face-piece in place and exhale forcefully |
| * If exhaling does not resolve problem * Exit the structure with partner |
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| *1 Minute* |
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| **12- Doff and perform a check of SCBA after use with a cylinder change.** |
| * Place cylinder on ground, close cylinder valve |
| * Obtain full cylinder |
| * Relieve excess pressure from regulator |
| * Disconnect high pressure hose |
| * 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 O-ring |
| * Connect high pressure hose to cylinder |
| * Open cylinder valve and check for leaks |
| * Check cylinder and secondary gauges to be within 100psi |
| * 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 face-piece |
| *2 Minutes* |
| **13- Maintenance procedures for an in-service SCBA** |
| * Inspect SCBA and face piece for flaws |
| * Wash face piece and sanitize *(Verbalize sanitation procedure)* |
| * Rinse in fresh water, hang to dry |
| * Wash/rinse backpack *(Keep water from entering regulator)* |
| *5 Minutes* |
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| **EMERGENCY RESPONSE – APPARATUS** |
| **14- Demonstrate safety procedure for mounting and dismounting fire apparatus, use of seat belts, hearing protection, and other safety equipment on apparatus.** |
| * Use handrails, steps to mount apparatus |
| * Properly fasten seat belts |
| * Don hearing protection if needed |
| * Uses handrails or steps to dismount apparatus |
| *2 Minutes* |
| **FORCIBLE ENTRY** |
| **15- Demonstrate proper care and maintenance of forcible entry tools and equipment *(All cutting, prying, pulling, or striking tools)*** |
| * Carry tool in safe manner |
| * 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 manufacturer recommendation or department SOP)* |
| * Dry tool and protect surface as per manufacturer recommendations. |
| *5 Minutes* |
| **16- Demonstrate forcible entry through-the-lock entry techniques for the following doors:** |
| **A- Swinging doors (stopped or rabbeted jamb)** |
| * Select proper forcible entry tool |
| * Carry tool in a safe manner |
| * Try before you pry |
| * Correctly identify door type *(Stopped or Rabbeted)* |
| * Pry or force entry at or near lock |
| * Force door in the correct direction * Control door and access |
| *1 Minute* |
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| **B- Sliding Doors** |
| * Select proper forcible entry tools |
| * Carry tool in a safe manner |
| * Try before you pry * Correctly identify door type (stopped or rabbeted). |
| * Pry or force entry at lock or near bottom of door * Force door away from frame * Control door and access |
| *1 Minute* |
| **C- Overhead doors** |
| * Select proper forcible entry tools |
| * Carry tool in safe manner |
| * Try before you pry |
| * Force entry with appropriate cut * Control the door and access |
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| *2 Minute* |
| **17- Demonstrate forcible entry and through-the-lock entry techniques for the following windows:** |
| **A- Sliding windows** |
| * Select proper tools |
| * Carry tool in safe manner |
| * Try before you pry |
| * Locate lock |
| * Pry or force entry at proper location on window * Clear away window coverings and obstructions |
| *1 Minute* |
| **B- Double hung windows** |
| * Select proper tools |
| * Carry tool in safe manner |
| * Try before you pry |
| * Locate lock |
| * Pry or force entry at center of lower sash * Clear away window coverings and obstructions |
| *1 Minute* |
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| **18- Demonstrate forcible entry for the following exterior walls** |
| **A- Masonry** |
| * Select proper tools |
| * Carry tool in a safe manner * Confirm utilities are off |
| * Correctly use tools to force entry |
| * Identify possible hazards associated with breaching wall |
| *5 Minutes* |
| **B- Metal** |
| * Select proper saw or tools |
| * Carry tool in a safe manner |
| * Confirm utilities are off |
| * Find and mark studs or supports (if applicable) |
| * Make appropriate cut |
| * Identify possible hazards associated with breaching wall |
| *5 Minutes* |
| **C- Wood** |
| * Select proper tools |
| * Carry tool in a safe manner |
| * Confirm utilities are turned off |
| * Remove exterior covering (if needed) |
| * Sound for studs or supports |
| * Cut along studs |
| * Identify possible hazards associated with breaching wall |
| *5 Minutes* |
| **SAFETY** |
| **19- Demonstrate the use of SCBA to exit through:** |
| **A- Restricted passage without removing SCBA** |
| * Notify Command of situation |
| * Loosen SCBA backpack *(Leave face-piece on)* * Maintain control of SCBA at all times |
| * Move SCBA backpack to side of firefighter |
| * Exit restricted passage |
| * Reposition and tighten SCBA backpack |
| *3 Minutes* |
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| **B- Restricted passage removing SCBA** |
| * Notify Command of situation |
| * Move SCBA backpack completely |
| * Maintain control of SCBA at all times * Exit through restricted passage * Re-don backpack assembly |
| * Tighten SCBA backpack |
| *3 Minutes* |
| **20- Demonstrate the techniques for action when trapped or disoriented in a fire or hostile situation:** |
| **A- Search for an exit using a hose line (2-firefighter team*)*** |
| * Notify command of situation (Mayday) |
| * Communicate to team members actions, problems or needs for assistance |
| * Activate PASS device |
| * Attempt to retrace steps |
| * While searching for an exit, locate hose, find coupling |
| * Use hose and follow to safety using coupling as a guide |
| * Maintain contact with team members verbally, physically or sight |
| * Exit hazardous area before exhausting air supply as a team |
| *3 Minutes* |
| **B- Search for an exit using a wall (2-firefighter team)** |
| * Notify command of situation (Mayday) |
| * Communicate to team members actions, problems or needs for assistance |
| * Activate Pass device |
| * Attempt to retrace steps |
| * Search for wall |
| * Find wall and follow to safety using right or left-handed technique |
| * Maintain contact with team members verbally, physically or sight |
| * Exit hazardous area before exhausting air supply as a team |
| *2 Minutes* |
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| **LADDERS** |
| **21- Demonstrate the proper carry, position, raise, and lower of a roof ladder** |
| * Start 25 feet from a structure |
| * Lift ladder with legs *(Not back)* to carry position |
| * Carry ladder correctly *(Tip or heal 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 |
| *1 Minute (Lowering ladder not included in time)* |
| **22- Demonstrate the proper carry for a 24'** ***(2-firefighter team)* or 35' *(4 firefighter team)* extension ladder** |
| * Start 50' from structure |
| * Leader gives predatory 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 |
| *3 Minutes (Lowering ladder not included in time)* |
| **23- Demonstrate procedure for climbing, working, and descending from extension or aerial ladder with a tool *(with safety harness for aerial ladder)*** |
| * 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 |
| *2 Minutes* |
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| **24- Demonstrate bringing a victim down a ladder from a 2nd story window or roof** |
| * Ensure tip of ladder placed at the sill of the rescue window *(Must verbalize)* |
| * Proper carry of victim *(Conscious and unconscious)* * Descend ladder one rung at a time reassuring the victim |
| *5 Minutes* |
| **25- Demonstrate deployment of a roof ladder on a pitched roof *(2-firefighter team)*** |
| * Raise roof ladder and place against extension ladder or roof |
| * Properly climb extension ladder |
| * Carry roof ladder to the roof line and lock-in |
| * Slide roof ladder up roof |
| * Ensure hooks are securely grabbing peak of roof |
| *2 Minutes* |
| **26- Demonstrate inspection, maintenance, and cleaning procedures for ground and/or aerial ladders *(2-firefighter team)*** |
| * 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 and tag out of service |
| * Check for smooth operation by raising and lowering ladder * Record cleaning, inspections and maintenance |
| *10 Minutes* |
| **HOSE, NOZZLE, APPLIANCE** |
| **27- Demonstrate proper set up of a master stream *(100ft, 2½” hose or larger) (300 gpm or higher) (2-firefighter team)*** |
| * Set up appliance |
| * Connect hose line from apparatus to appliance |
| * Secure monitor as per manufacturers guidelines |
| * Signal for water |
| * Exercise safety as hose line charges |
| * Adjust stream of appliance once water is at nozzle |
| * Flow water |
| *5 Minutes* |
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| **28- Demonstrate the proper method for extending a charged hose line (2-firefighter team)** |
| * Clamp hose approximately 3-5 feet behind nozzle or communicate to shut down of hoseline, remove nozzle |
| * Add 50’ section of hose |
| * Replace nozzle and charge hoseline slowly |
| *1:30 Minute* |
| **29- Demonstrate the proper method for replacing a burst section of hose (2-firefighter team)** |
| * Clamp hose approximately 3-5 feet behind coupling or communicate to shut down of hoseline |
| * Drain hose line at nozzle |
| * Replace 2 sections of hose for every one burst section |
| * Remove hose clamp and charge hoseline slowly |
| *2 Minutes* |
| **30. Demonstrate coupling and uncoupling hose using the following** |
| **A. Foot-tilt method** |
| * Place foot behind male end of hose and apply pressure to tilt male coupling * Check the gasket |
| * Connect female end to male end |
| *20 Seconds* |
| **B. Two fire fighter method (2-firefighter team)** |
| * One fire fighter holds male coupling and one fire fighter holds female coupling * Check the gasket |
| * Fire fighter holding female coupling couples’ hose to male coupling using the Higbee indicator as a guide |
| *20 Seconds* |
| **31. Advance a charged and uncharged attack line from a pumper, for the following using 150’ of 1 ½ minimum** |
| **A. For ground level fire attack (structural, ground cover, vehicle) (2-firefighter team)** |
| * Correctly unload hose from apparatus |
| * Advance hose to attack position, extend hose line to avoid kinks |
| * Signal for water |
| * Open nozzle to bleed air from attack line and check stream pattern |
| *2 Minutes* |
| **B. Up a ladder to second floor window or roof (2-firefighter team)** |
| * Correctly unload hose from apparatus |
| * Advance uncharged hose line up the ladder |
| * Secure hose to the ladder with hose straps or webbing * If working from ladder, ensure proper leg lock or safety harness |
| * Signal for water |
| * Open nozzle to bleed air from attack line and check stream pattern |
| *3 Minutes* |
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| **C. Up/down an inside/outside stairway to upper/lower floors (150ft of 1½” hose or larger) ( 2-firefighter team)** |
| * Correctly unload from apparatus |
| * Advance to door |
| * 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 |
| *3 Minutes* |
| **32. Demonstrate how to connect to a standpipe and advance a hoseline from the standpipe (100ft of 1½” or larger hose) (2-firefighter team)** |
| * Advance to standpipe with needed equipment |
| * Connect to standpipe at connection below fire floor |
| * Properly position hoseline in stairwell |
| * Advance the entire hose length, avoiding kinks |
| * Signal for water |
| * Open nozzle to bleed air from attack line and check stream pattern |
| *2 Minutes* |
| **33. Demonstrate the following hose carries:** |
| **A. Single section drain and carry** |
| * 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 |
| *1 Minute* |
| **B. Accordion shoulder carry** |
| * Fold hose on ground |
| * Line up folds and couplings |
| * Lift hose to shoulder using legs |
| * Hose controlled and secured |
| *1 Minute* |
| **34- Demonstrate the following hose loads:** |
| **A. Load supply hose lines on fire apparatus using the flat or accordion hose load (150ft of 2½” or larger hose)(3-firefighter team)** |
| * Layer hose in hose bed correctly |
| * Use Dutchman where appropriate |
| *3 Minutes* |
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| **B- Load attack hose lines on fire apparatus using the Flat, Triple fold, or Minuteman hose load (150ft of 1½” or 1¾” hose)(3-firefighter team)** |
| * Attach female coupling to discharge |
| * Layer hose in hose bed correctly |
| * Use Dutchman where appropriate |
| * Finish load with nozzle in correct location and secured |
| *3 Minutes* |
| **35- Demonstrate the following hose rolls** |
| **A- Straight roll** |
| * Roll hose with male coupling in the center |
| * Lay completed roll on ground, tamp protruding coils 1 Minute |
| **B- Donut Roll** |
| * Roll hose with male coupling inside roll and female coupling approximately 3' ahead of male coupling |
| * Lay completed roll on ground, tamp protruding coils |
| *1 Minute* |
| **36- Demonstrate the procedures for cleaning, inspecting and maintaining:** |
| **A- Fire hose and couplings** |
| * Wash hose using clear water and a brush, if required use mild soap |
| * Rinse with clear water |
| * Wash couplings with clear water and 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 into female coupling |
| * Mark and record any damage found, if necessary, remove from service |
| *5 Minutes* |
| **B- Nozzles combination, fog, and smooth bore** |
| * Wash nozzle using mild soap and water |
| * Rinse with clear water |
| * Inspect nozzle for external damage or debris |
| * Inspect nozzle for internal damage or debris |
| * Remove gasket from nozzle and check for cracks |
| * Reinstall gasket |
| * Check female swivel and place nozzle on hose |
| * Demonstrate proper operation of nozzle |
| *4 Minutes* |
| **SEARCH AND RESCUE** |
| **37- Demonstrate proper techniques while conducting a search for a victim in a structure and remove victim to a safe area *(2-firefighter team)*** |
| * Stay low while searching |
| * Organized search pattern, maintaining orientation |
| * Call out for victim |
| * Pause occasionally to listen for sounds |
| * Locate victim and communicate it to command |
| * Remove victim to safe area using a appropriate drag or carry |
| * Team integrity is maintained during search |
| *6 Minutes per 300 sq. ft. searched* |
| **38- Demonstrate proper rescue procedures for the following:** |
| ***A- Move a victim 20 feet using the extremities carry (2-firefighter team)*** |
| * Lift with legs |
| * One firefighter behind the patient, reaching underarms, grabbing wrists |
| * Second firefighter facing the same direction slips hands under knees |
| * Move victim 20 feet upon command of firefighter at head |
| *1 Minute* |
| ***B- Move an unconscious fire fighter with or without functioning SCBA, 20 ft. using the coat drag (2-firefighter team)*** |
| * Place fire fighter face-up |
| * Grasp fire coat by the collar, SCBA strap, or integrated drag strap |
| * Work as a team to move the fire fighter to a safe area |
| * Move fire fighter 20 ft. |
| *1 Minute* |
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| **VENTILATION** |
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| **39- Demonstrate procedures for breaking window or door glass and removing obstructions, from ground level and while working from a ladder:** |
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| * Stand or ladder to the windward side of the glass pane, leg lock on ladder |
| * Strike with tool at the top of the pane |
| * Keep hands above or aside 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 window coverings |
| *1 Minute* |
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| **40 Demonstrate opening a 4' x 4' ventilation hole for all of the following for vertical ventilation:** |
| ***A-Pitched or Flat roof (3-firefighter team)*** |
| * Proper use of roof ladder *(Wind is at firefighters back or side)* |
| * Use spotter for safety |
| * Sound roof for integrity * Correctly open ventilation hole |
| * Use appropriate tool to push down ceiling and remove any barriers |
| * Exit roof area once ventilation hole is completed |
| *4 Minutes with power tools (Time starts when cut begins)* |
| *6 Minutes with hand tools (Time starts when cut begins)* |
| ***B- Floor (2-firefighter team)*** |
| * Sound floor for structural supports |
| * Correctly open ventilation hole |
| * Use appropriate tool to remove any barriers |
| * Exit once ventilation hole is completed |
| *4 Minutes with power tools (Time starts when cut begins)* |
| *6 Minutes with hand tools (Time starts when cut begins)* |

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| **41- Demonstrate the setup of a high-volume blower fan in a doorway for positive pressure ventilation of a structure *(2-firefighter team)*** |
| * Determine access point and fire location * Create appropriate exhaust opening a close to the seat of the fire as possible * Start positive pressure blower |
| * Set blower so that the cone of the air from the blower completely cover the door opening * Open door to structure and pressurize the building |
| * 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 * Maintain team integrity during ventilation work |
| *3 Minutes* |

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| **OVERHAUL OPERATIONS** |
| **42- Demonstrate search and exposure of hidden fires in: Walls, ceilings, and floors** |
| * Search for hidden fires using sight, touch, sound, and thermal sensors |
| * 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 (Protect from water damage) |
| * Fire cause evidence is preserved |
| *5 Minutes* |
| **SALVAGE OPERATIONS** |
| **43- Demonstrate the proper folds and rolls for salvage covers** |
| ***Fold or roll a salvage cover for a one or two fire fighter spread*** |
| * Fold cover to reduce size * Fold with finished side out * Finish cover by rolling or folding   *(Two firefighter team – 1 Minute)*   |  | | --- | | ***44-Demonstrate 0ne-firefighter and two-firefighter deployment of a salvage cover***  ***A.) One fire fighter deployment*** | | * Stack and gather objects to be covered * Unfold or unroll cover over all objects * Tuck covers in at the bottom | | *(One firefighter team – 1 Minute)* | | |  | | --- | | *(Two firefighter team – 1 Minute)*  **B.) Two firefighter deployment**   * Stack objects to be covered * Stretch cover alongside 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 team float the cover over the object to be covered * Guide into position and tuck in at the bottom   1 minute | | |
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| **45- Demonstrate the proper construction of a water chute *(2-firefighter team)*** |
| * Open salvage cover |
| * Roll salvage cover edges over pike poles and turn over to create a water chute |
| * Adjust water chute on ladder for water removal out a window |
| * Remove water from structure |
| *2 Minutes* |
| **46- Demonstrate the proper construction of a catchall *(2-firefighter team)*** |
| * Open salvage cover |
| * Roll side inward approximately 3' |
| * Fold ends of the side rolls at a 90-degree angle |
| * Tuck the end roll under the side roll to lock |
| *2 Minutes* |
| **47- Demonstrate the covering or closing of a building opening including: doors, windows, floors, and roofs *(2-firefighter team)*** |
| * Select correct materials to cover openings |
| * Use sufficient amount of material to cover the opening completely |
| * Secure edges of material down completely to keep weather out |
| *5 Minutes* |
| **48- Separate, remove, and relocate charred material from un-charred material while protecting the area of fire origin for cause determination *(2-firefighter team)*** |
| * Separate charred from un-charred material in cooperation with a fire investigator |
| * Extinguish any smoldering material |
| * Remove charred material to a safe area |
| * Preserve any evidence by leaving where found * Advise fire investigator where you found the evidence * Verify atmosphere is safe by operating air monitoring equipment * Verbalize the need for mitigation of hazard |
| *5 Minutes* |
| **49- Demonstrate stopping the flow of water from a discharging sprinkler head, using a wedge or stopper** |
| * Select the appropriate tool |
| * Stop sprinkler flow |
| *1 Minute* |
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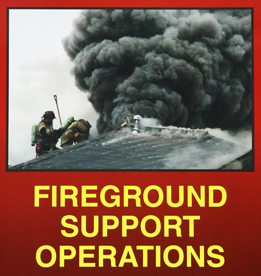
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| **50- Operate a main control valve on an automatic sprinkler system from ‘open’ to ‘close’ and then back to ‘open’** |
| * Identify main control valve |
| * Operate the valve |
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| *1 Minute* |
| **51- Demonstrate the procedure of inspection, cleaning, and maintaining salvage covers** |
| * Demonstrate washing and drying salvage cover |
| * Inspect cover for tears or holes |
| * Mark holes if found and patch according to manufacturer or departmental guidelines |
| *2 Minutes* |
| **WATER SUPPLY** |
| **52- Demonstrate hydrant-to-pumper hose connection for a:** |
| ***A- Forward hose lay*** |
| * 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 and 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 |
| *3 Minutes (Time does not include shutting down)* |
| ***B- Reverse hose Lay (2-firefighter team)*** |
| * Select equipment needed to place one attack hose in service and drop at scene (150') |
| * 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 hose line and open nozzle |
| *3 Minute* |
| **53- Demonstrate a hand lay of 300 feet of supply line, 2 ½” or larger from a pumper to a water source *(4-firefighter team)*** |
| * Shoulder load 50' of hose from hose bed, approximately 50’ between firefighters |
| * Lay entire length with no kinks or tangles |
| * Connect to hydrant |
| *5 Minutes* |



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| **54- Demonstrate the assembly and connecting of the equipment necessary for drafting for static water supply source *(2-firefighter team)*** |
| * Fasten rope to strainer to aid in handling hard suction hose * Check for the gaskets |
| * Couple strainer to hard suction hose |
| * Couple the two section of hard suction hose together, taking care to not get dirt in coupling |
| * Connect completed hose to apparatus |
| * Keep a minimum of 24” of water surrounding the strainer |
| * Use a rubber mallet to ensure an air-tight connection |
| *5 Minutes* |
| **55- Demonstrate the assembly and connecting of the equipment necessary for drafting from a portable water tank** |
| * Set up portable water tank |
| * Fasten rope to strainer to aid in handling hard suction hose * Check the gaskets |
| * Couple strainer to hard suction hose |
| * Couple the two sections of hard suction hose together, taking care to not get dirt in coupling |
| * Connect completed hose to apparatus |
| * Use rubber mallet to ensure an air-tight connection |
| *12 Minutes* |
| **PORTABLE FIRE EXTINGUISHER** |
| **56- Demonstrate the use of portable fire extinguisher on a Class A, Class B, and Class C fires** |
| * Select correct extinguisher for type of fire |
| * Check pressure gauge |
| * Approach fire from upwind/upgrade * Use the PASS technique   -Pull pin and squeeze the handle to test the extinguisher  -Aim at the base of the fire  -Squeeze the handle  -Sweep side to side |
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| *1 Minutes* |
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| **FIRE GROUND SUPPORT ACTIVITIES** |
| **57- Demonstrate safety procedures when using fire service lighting equipment** |
| * Start power supply |
| * Reset ground-fault interrupter (GFI)if necessary |
| * Extend cord and light |
| * Illuminate light |
| *2 Minutes* |
| **58- Demonstrate shutting of utility services to a building** |
| ***A- Shut off propane tank or natural gas valve*** |
| * Select correct tool * Assess the scene for hazards |
| * Turn valve(s) to the off position |
| *30 Seconds* |
| ***B- Secure power to structure by shutting off main power breaker*** |
| * Select correct breaker * Assess the scene for hazards |
| * Switch breaker to the off position |
| *30 Seconds* |
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**FIREFIGHTER I**

**FIREGROUND EVOLUTIONS**

**LIVE FIRE EVOLUTIONS**

1. **OFFENSIVE ATTACK ON A PASSENGER VEHICLE FIRE-**Page 27
2. **OFFENSIVE ATTACK ON A DUMPSTER FIRE-**Page 27
3. **OFFENSIVE ATTACK ON A INTERIOR FIRE-**Page 28
4. **OFFENSIVE ATTACK ON A GROUND FIRE-**Page 28
5. **VENTALATION SUPPORT ACTIVITIES FOR A INTERIOR ATTACK-**Page 29
   1. VERTICAL VENTILATION



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| **FIREGROUND EVOLUTIONS** |
| **1- Demonstrate an Offensive attack on a passenger vehicle fire *(2-firefighter team)*** |
| * Deploy traffic control device * Identify automobile fuel type * Assess for fuel leaks * Completely unload attack line from apparatus * Open attack line and flush line * Set nozzle pattern between straight stream to narrow fog 30 to 60 degrees * Attack fire from uphill and upwind if possible * Approach vehicle from a 45-degree angle * Immobilize vehicle * Attack fire, staying away from vehicle tires and bumpers * Extinguish any ground fires * Move to fire inside of vehicle * Gain entry into compartment on fire * Overhaul all automobile compartments to find any hidden fires   *4 Minutes (Time begins when crew dismounts apparatus)* |
| **2- Demonstrate an Offensive attack on a class A fire, Exterior fire, dumpster or pile of class A material *(2-firefighter team)*** |
| * Completely unload attack line from apparatus * Open attack line and flush line * Set nozzle pattern between straight stream to narrow fog * Attack fire from uphill upwind if possible * Extinguish any ground fire, then move to fire inside dumpster or pile of class A material * Cool the approach side of the dumpster, if applicable * Overhaul to find any hidden fires using hand tools   *4 Minutes (Time begins when crew dismounts apparatus)* |
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| **3- Demonstrate an Offensive attack on an Interior Class A fire, tank water as water source *(2-firefighter team)*** |
| * Completely unload attack line from apparatus * Select forcible entry tool and carry to door * Secure hose * Signal for water * Open attack line and flush line * Set nozzle to appropriate pattern * Don face piece, go on air, check partner’s PPE (no skin showing, pass device activated) * Force entry on door (check door for heat, try before you pry) * Control the door and access * Check overhead in room, sound floor for integrity * Advance into structure searching for fire and possible victims (back up firefighter carries Forcible entry tool) * Find seat of fire and extinguish using correct nozzle pattern. * Maintain team integrity during attack *(sight, voice, or physical contact)* * Overhaul to find any hidden fires * Contact command; verbalize “fire under control” * Provide CAAN report.   *5 Minutes (Time begins when crew dismounts apparatus)* |
| **4- Demonstrate an Offensive attack on a Class A fire, Ground cover fire *(2-firefighter team)*** |
| * Completely unload the attack line from apparatus *(if necessary)* * Attack fire from the blackened side of fire * Attack fire from downhill and upwind if possible * Observe weather conditions for changes * Maintain team integrity during attack   *5 Minutes (Time begins when crew dismounts apparatus)* |
| **5- Demonstrate vertical ventilation activities in support of fire attack operations on an interior structure fire:** |
| * Determine location for ventilation hole * Select appropriate tools. * Start chain saw on ground *(if used)* * Remove extension ladder from apparatus and carry to access point * Properly position extension ladder and raise to roof * Properly climb ladder * Properly place roof ladder on roof * Determine roof integrity by sounding roof * Cut inspection hole or safety/Kerf cuts as neccesary * Hoist or carry tools and equipment to roof * Position second ladder as an emergency escape route, away from fire * Select correct location above fire to cut hole while working from roof ladder * Cut ventilation hole * Coordinate with command and interior crews to open hole * Maintain team integrity during ventilation work * Exit roof area once ventilation hole has been cut * Notify command ventilation is complete   *8 Minutes (Time begins when crew dismounts apparatus)* |
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**EXAMINATION EVOLUTIONS**

1. **RESCUE EVOLUTION 2-member team**

* Use handrails and steps to dismount apparatus
* Correctly and completely unload hose from apparatus
* Select proper forcible entry tool(s)
* Carry tool in a safe manner
* Advance hose to attack position, extend hoselines to avoid kinks
* Secure hose
* Signal for water
* Open nozzle to bleed air from attack line and check stream pattern
* Don face piece, go on air, check partner’s PPE (no skin showing, pass device activated
* Correctly identify door type
* Try door before prying
* Pry or force entry near lock
* Force door correct direction
* Control the door and access
* Sound floor for integrity, check overhead in room
* Make entry searching for a victim with or without a hoseline
* Conduct a search
* Organized search pattern, maintaining orientation
* Call out for victim
* Pause occasionally to listen for sounds
* Locate victim and communicate it to command
* Move victim out of structure using appropriate techniques
* Maintain team integrity during evolution

6:00 minutes

**2.) Salvage and Overhaul Evolution 2-member team**

**Don PPE**

* Don hood (hood may be rolled down over collar of coat)
* Don and fasten all closures on pants/boots and coat
* Collar turned up on coat
* Check SCBA cylinder pressure gauge verbalize
* Open cylinder valve completely
* Check regulator and cylinder gauge to match within 100 psi
* Turn on or ensure PASS is active
* Don backpack and fasten/tighten all straps (over the head or coat method)
* Don face piece, adjust head harness, check seal and exhalation valve
* Protective hood pulled over head
* Attach hose to regulator or facepiece
* Don helmet with chin strap secured
* Don gloves
* All PPE donned appropriately with no skin or hair showing

**Ventilate structure**

* Start positive pressure fan
* Establish exhaust opening verbalize
* Set fan so that the cone of air completely covers the door opening
* Set fan so placement does not interfere with the entry or exit of firefighters

**Remove water from structure by**

* Build a catchall
* Open salvage cover
* Roll sides inward approximately 3’
* Fold ends of the side rolls at a 90-degree angle
* Tuck the end roll under the side roll to lock
* Build a water chute
* 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
* Communicate assignment complete to command

**8:00 minutes**

**3.) Defensive Operations Evolution 2-member team**

**Secure Hydrant**

* Use handrail and steps to dismount apparatus
* Correctly unload hose from apparatus
* Select correct equipment to connect to hydrant
* Connect hydrant gate valves
* Open hydrant completely, flush
* Charge supply hose slowly, when signal from engineer is given

**Deploy a Master Stream 350 GPM or greater**

* Set up appliance
* Connect 100 ft hoseline per inlet from apparatus to appliance
* Secure monitor as per manufactures guidelines AHJ
* Signal for water
* Exercise safely as hoselines charge
* Adjust stream of appliance once water is at nozzle
* Flow water to hit target

**Extend a charged Hoseline with nozzle**

* Apply hose clamp approximately 3-5 feet behind coupling, or communicate to shut down the hoseline
* Add 50’ section of hose
* Replace nozzle and charge hoseline slowly

**4.) Ladder Evolution 2-member team**

* Use handrails and steps to dismount apparatus
* Start 50’ from structure
* Leader gives preparatory commands
* Team lifts with legs
* Properly carry tools and ladder to structure
* Check for overhead obstructions
* Determine structure stability
* Raise fly section to proper height
* Determine locks are engaged must verbalize
* Tie off halyard
* Check climbing angle, four points of contact
* Ladder is secured prior to climbing
* Climb with arms straight, body perpendicular to the ground
* Climb smoothly and rhythmically
* Maintain three points of contact of ladder while climbing
* Carry tool properly
* Sound roof for integrity before stepping on
* Stay on roof supports must verbalize
* Hoist an axe or pike pole
* Tie with an approved knot for hoisting
* Use tag line when appropriate
* Lower ladder and tools safely to the ground (not included in time)

**7:00 minutes**

**FIREFIGHTER II**

**GENERAL-**Page 35

1. ASSUMING AND TRANSFERRING COMMAND

**FIRE DEPARTMENT COMMUNICATIONS-**Page 35

1. FIRE REPORTS (UFIRS)

**FIREGROUND OPERATIONS-**Page 35-37

1. FOAM FIRE STREAM
2. INTERIOR FIRE ATTACK
3. GAS CYLINDER(LPG)

**FIREFIGHTER II**

1. PROTECT EVIDENCE AND FIRE CAUSE AND ORGIN

**RESCUE OPERATIONS-**Page 37-38

1. VEHICLE EXTRICATION
   1. WINDSHEILD
   2. ROOF
   3. DOOR
   4. DASHBOARD

**PREVENTION, PREPAREDNESS, & MAINTENANCE-**Page 38-39

1. PRIVATE DWELLING SURVEY
2. STATION PRESNTATION
3. PREINCIDENT SURVEY
4. POWERPLANT AND LIGHTING EQUIPMENT MAINTENANCE
5. FIRE HOSE AND SERVICE TEST

**Examination Evolutions-**Page 40

1. Extrication Evolution
2. C:\Documents and Settings\dneilson\Local Settings\Temporary Internet Files\Content.IE5\PS7JE52B\MCj02421430000[1].wmfExtinguishment of a Class B Fire

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| **FIREFIGHTER II** |
| **GENERAL** |
| **1- Demonstrate procedures for assuming and transferring command at an emergency scene, utilizing an incident management system** |
| * Give a brief size-up |
| 1. Unit on scene 2. Location of command |
| 1. Type of building and construction |
| 1. Current conditions (This is what I see) |
| 1. Declare a strategy |
| 1. Initial actions (What I need to do immediately) 2. Identify Side A |
| 1. Establish Incident Command & Accountability and announce location |
| 1. Name the incident |
| * Request additional resources if needed. |
| * Transfer of command (Utilizing department guidelines) |
| *2 Minutes* |
| **FIRE DEPARTMENT COMMUNICATIONS** |
| **2- Complete a basic fire report by completing a Utah Fire Incident Report System (UFIRS)** |
| * Complete all blanks/boxes for scenario |
| * Correct data and information |
| * Check spelling |
| * Legibility |
| * Other pertinent information is recorded in narrative |
| *15 Minutes* |
| **FIREGROUND OPERATIONS** |
| **3- Demonstrate the correct procedures for extinguishment of an exterior combustible liquids fire with a foam fire stream *(2-Firefighter team)*** |
| * Assemble foam application system, if applicable |
| * Select correct concentration for required application, if applicable |
| * Approach spill as part of coordinated team |
| * Demonstrate proper application techniques (Bank, Roll, or Rain) |
| * Retreat from spill maintaining team integrity |
| *5 Minutes* |
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| **4-Coordinate an interior attack line for team’s accomplishment of an assignment in a structure fire *(2-firefighter team)*** |
| * Determine location of fire *(Attic, grade level, upper level, or basement level)* |
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| * Receive 360 walk-around report |
| * Ensure overhead spaces are checked for fire |
| * Ensure the floor has been sounded |
| * CAAN (Conditions, Actions, Air, Needs) Report (Monitor smoke, heat, fire) |
|  |
| * Communicate attack method to team members |
| * Communicate interior fire conditions to team and IC |
| * Communicate rescue and ventilation needs with IC |
| * Advance to seat of fire and extinguish |
| * Team integrity is maintained (Sight, voice or physical contact) |
| * Maintain Situational awareness (Have egress established and protected) * Verbalize that routes of egress have been established and protected |
| *5 Minutes* |
| **5- Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder by cooling vapor space in tank and monitoring cylinder while approaching tank to close service line valve *(9- firefighter team)*** |
| * Apply solid stream to vapor space of tank from maximum effective reach (If it can be accomplished safely, i.e. distance and location, until relief valve(s) close) |
| * Contents are identified |
| * Cylinder integrity is evaluated |
| * Confirm order with officer to approach tank to shut off valve |
| * Identify escape routes and safe havens |
| * Extend hoseline's to isolate control valve upwind and uphill |
| * Coordinated advance to cylinder |
| * Adjust nozzle patterns during advance for crew protection |
| * Try not to extinguish flame |
| * Close valve completely without breaking protective fog stream |
| * Coordinated retreat from cylinder |
| * Maintain nozzle patterns and cooling stream on vapor space during retreat |
| * Maintain team integrity and monitor situational awareness |
| * Continue monitoring pressure relief valves |
| *20 Minutes* |
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| **6- Protect evidence of fire cause and origin so that the evidence is properly protected from further disturbance.** |
| * Identify the fire origin area |
| * Identify possible causes for fire ignition |
| * Identify types of evidence |
| * Preserve any evidence by leaving where found |
| * Establish barriers to protect the scene and evidence as found |
| * Notify command or fire investigator of findings |
| *5 Minutes* |
| **RESCUE OPERATIONS** |
| **7- Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing:** |
| **A- Vehicle windshield *(2 firefighter team)*** |
| * Conduct scene “Size up” and identify” Safety Zones” * Crib vehicle for safety |
| * Disconnect the vehicle battery |
| * Maintain victim safety during windshield removal |
| * Remove windshield completely |
| *10 Minutes* |
| **B- Vehicle Roof *(4 firefighter team)*** |
| * Conduct scene “Size up” and identify” Safety Zones” * Crib vehicle for safety |
| * Disconnect the vehicle battery |
| * Check for supplemental restraint safety system |
| * Remove side and rear windows as needed |
| * Maintain victim safety during roof removal |
| * Cut front vehicle roof posts and fold roof back or remove roof entirely |
| *5 Minutes* |
| **C- Vehicle Door *(2 firefighter team)*** |
| * Conduct scene “Size up” and identify” Safety Zones” * Crib vehicle for safety |
| * Disconnect the vehicle battery * Check for supplemental safety restraint systems |
| * Maintain victim safety during door removal |
| * Remove door |
| *5 Minutes (Using powered equipment)* |
| *15 Minutes (Using hand tools)* |
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| **D- Displace dashboard *(2 firefighter team)*** |
| * Conduct scene “Size up” and identify” Safety Zones” * Crib vehicle for safety |
| * Disconnect the vehicle battery * Check for supplemental safety restraint systems |
| * Maintain victim safety during dashboard displacement |
| * Displace the dashboard |
| *10 Minutes (Using powered equipment)* |
| *20 Minutes (Using hand tools)* |
| **PREVENTION, PREPAREDNESS, & MAINTENANCE** |
| **8- Prepare a fire safety survey in a private dwelling** |
| * Contact Resident |
| * Explain purpose and benefit to resident |
| * Conduct survey, identify fire hazards |
| * Recommend appropriate resolutions to resident |
| * Discuss general fire safety information with them |
| * Conclude survey |
| * Complete inspection form |
| *20 Minutes* |
| **9- Present fire safety information to station visitor or small groups** |
| * Determine the audience and safety topic to be taught |
| * Conduct presentation according to lesson outline |
| * Return equipment and materials according to department policy |
| * Record information about the presentation in appropriate database |
| *20 Minutes* |
| **10- Prepare a pre-incident survey** |
| * Draw a plot plan |
| * Draw a floor plan |
| * Identify utility controls |
| * Identify means of egress |
| * Identify occupant information |
| * Identify occupancy or life safety hazards |
| * Provide recommendations to correct hazards |
| * Identify suppression systems and controls |
| * Use standard mapping symbols and abbreviations |
| *30 Minutes* |
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| **11- Demonstrate the service and maintenance of portable power plants and lighting equipment** |
| * Check oil and gasoline for ‘full’ level |
| * Check air cleaner elements for debris |
| * Check spark plug and spark plug wire for deterioration and proper connection |
| * Check unit for loose bolts or screws |
| * Check electrical cords to ensure insulation is not damaged |
| * Check portable lights for damage |
| * Start unit and test operation of lighting equipment |
| * Document maintenance of equipment in logbook |
| *5 Minutes* |
| **12- Demonstrate annual service test for fire hose *(2-firefighter team) (150’ to 300’ of 1½” or larger hose)*** |
| * Connect hose sections together *(check gaskets before connecting)* |
| * Tighten connections between sections with spanner |
| * Connect test length to test valve *(gate valve with ¼” hole drilled into center of gate)* |
| * Attach nozzle to open end of hose line |
| * Fill hose with a pump pressure of 50 psi or to hydrant pressure |
| * Open nozzle and discharge all air from hose line |
| * Close nozzle |
| * Check hose for kinks and twists or leaking connections |
| * Mark hose jackets against each coupling |
| * Close test gate valve |
| * Increase pump pressure to the required test pressure *(250 psi)* |
| * Maintain test pressure for 5 minutes |
| * Slowly reduce pump pressure |
| * Close discharge valves and open nozzle to drain pressure from hose-line |
| * Check marks placed on the hose at the couplings |
| * Record the test results for each section of hose |
| *10 Minutes* |
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1. **Extrication Evolution2-member team 6:00 minutes**

* Assess vehicle and associated hazards
* Establish safety zones
* Deploy fire extinguisher or handline
* Crib vehicle for safety
* Disconnect the vehicle battery
* Remove glass
* Check for supplemental safety restraint system
* Start/operate extrication equipment (Not to be used on vehicle for exam)
* Maintain victim safety
* Remove applicable doors
* Roll/jack dashboard

1. **Extinguishment of a Class B Fire 2-member team 8:00 minutes**

* Give a brief size up

Unit on scene

Location

Type of building and construction

Current conditions

Declare a strategy

Initial actions

Identify side A

Establish Incident Command and Accountability and announce location

Name the incident

* Request additional resources if needed
* Transfer command
* Assemble foam application system if applicable
* Select correct concentration for required application if applicable
* Approach spill on air as part of coordinated team
* Demonstrate proper application techniques (Bank, Roll or Rain)
* Retreat from spill maintaining team integrity
* Identify the fire origin area
* Identify possible sources of fire ignitions verbalize
* Identify types of evidence verbalize
* Protect any evidence by leaving where found
* Establish barriers to protect the scene and evidence as found
* Notify command or investigator of findings

**HAZMAT**

**HAZMAT AWARENESS:**

**HAZ MAT AWARENESS INITIATING REQUIRED NOTIFICATION –** Page 42

1. INITIATION REQUIRED NOTIFICATION

**HAZMAT OPERATIONS:**

**REPORTING AND DOCUMENTATION-**Page 42-43

1. DEMOSTRATE TRANSFERRING COMMAND
2. INITIAL ACTION PLAN
3. ICS 202 INCIDENT ACTION PLAN

**DECONTAMINATION-**Page 44-45

1. DECONTAMINATION OF A VICTIM EMERGENCY
2. MULTIPLE DECONTAMINATION CORRIDOR SETUP
3. DECONTAMINATION OF AN EMERGENCY RESPONDER

**PERSONAL PROTECTIVE EQUIPMENT-**Page – 46-47

1. SCBA IDENTIFCIATION
2. SCBA DONNING
3. SCBA DOFFING
4. SPLASH SUIT DONNING

**PREFORMING DEFENSIVE CONTROL-**Page- 48-49

1. REMOTE VALVE SHUTTOFF
2. FOAM APPLICATION
3. DIKE
4. DAM
5. ABOSORBANT MATERIAL
6. PRESERVATION OF EVIDENCE OF TERRORIST ATTACK

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| **HAZMAT** |
| **HAZARDOUS MATERIALS AWARENESS** |
| 1. **Demonstrate initiating required notifications at a hazardous materials/WMD incident, given a hazardous materials/WMD incident.**   ***CONDITION:*** Given a scenario involving Haz-Mat/WMD incident including current edition ERG, SDS, shipping papers, approved communications equipment.  • Initiate call to 911 or emergency dispatch.  • Identify yourself.  • Location of incident.  • Explain the nature of the incident (Semi-tanker rollover, container leaking, amount of product being released).  • Identify additional concerns; victims, injuries, involved in fire, etc.  • Identify product involved/ being released. (ERG, SDS, Shipping papers)  • Identify the initial isolation distance required.  • Identify procedures for isolating and denying entry.  *10 Minutes* |

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| **HAZMAT** |
| **REPORTING AND DOCUMENTATION** |
| **1-Demonstrate procedures for establishing and transferring command at a Hazardous Materials/WMD incident, utilizing an incident management system** |
| Given a brief size-up:   * Unit on scene * Location * Nature of incident (i.e. Containers, location, nearby exposures, risks) * Current conditions (This is what I see) * Identify material. * Identify the isolation zones * Implement appropriate emergency operations * Implement site safety and control plan * Designate a safety officer * Establish Incident Command & Accountability and announce location * Name the Incident   *7 Minutes* |
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| **2-Brief assigned personnel so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations for the following:** |
| Given one of two scenarios involving HazMat/WMD incidents, including a completed Incident Action Plan   * Status of incident * Hazards identified * Tasks to be performed * Description of the site * Expected duration of the tasks * PPE requirements * Monitoring requirements * Describe emergency radio traffic procedures * Describe evacuation signal procedures   *7 Minutes* |
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| **HAZMAT** |
| **REPORTING AND DOCUMENTATION** |
| **3- Identify and complete the reporting and documentation requirements within the**  **emergency response plan or IAP regarding PPE.** |
| Given a scenario and a blank ICS 202 & ICS 204 or other documents used by the AHJ to meet FEMA and/or department SOG’s, document the type of PPE required by the scenario and special instructions.  ICS 202 (General Safety Message).  \*Requires the use of PPE when exposures are expected.  • Fill out the ICS 204 (Special Instructions).  -Identify type of PPE required by scenario.  -Identify when it is to be worn.  -Reinforce compliance.  • Verbalize if objectives are being met.  -Conditions improving or not.  -PPE appropriate.  -Isolation zones adequate.  • Verbalize adjustments as necessary.  *10 Minutes (Time begins after scenario has been reviewed)* |
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| **HAZMAT** |
| **DECONTAMINATION** |
| **4- Demonstrate Emergency Decontamination of a victim or responder by using water** |
| * Select appropriate sit to minimize runoff contamination |
| * Responder directs victim on procedures (flush, strip, flush, cover) |
| * Rinse personnel starting from the head, working towards the feet |
| * Victim being decontaminated removes contaminated clothing as much as possible |
| * If absolutely necessary, decon team members touch outside of clothing being removed to avoid cross contamination |
| * Victim places contaminated articles in one designated area within contamination zone |
| * Victim is rinsed head to toe again |
| * Victim given protective clothing * Victim directed to exit warm zone for further evaluation |
| *5 Minutes (2-firefighter team)* |
| **5- Demonstrate the setting up of a multiple station decontamination corridor** |
| * Select appropriate site, up wind of incident, drainage towards “hot” zone |
| * Clearly marked entry point |
| * Tool drop |
| * Confinement of decon solutions and runoff water |
| * Wash station (may be multiple) * Rinse station (may be multiple) * SCBA drop/bottle exchange * PPE drop station(s) * Clearly marked exit point |
| *10 Minutes (2-firefighter team)* |

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| **6- Demonstrate decontamination of emergency responder**  ***NON-ENCAPSULATED SUIT:***   * Direct responder to enter at correct point of entry * Direct responder to drop tools in designated area * Direct responder to enter wash station * Wash responder starting from head * Decon personnel control run-off of wash station * Direct responder to drop SCBA in designated area without moving face-piece * Decon team members touch outside of clothing being removed to avoid contaminating responders * Remove contaminated PPE or clothing * Place contaminated articles in one designated area within corridor * Direct responder to remove face-piece * Direct responder to remove inner gloves * Direct responder to exit warm zone for further evaluation     *15 Minutes (Two firefighter team)*  ***ENCAPSULATED SUIT:***   * Direct responder to enter entry point * Direct responder to drop tools in designated area * Direct responder to enter wash station * Wash responder from the head * Decon personnel control run-off of wash station * Remove contaminated PPE * Decon team member touch outside of clothing being removed to avoid contamination * Place contaminated articles in one designated area within corridor * Direct responder to drop SCBA in designated area without removing face-piece yet * Direct responder to remove face-piece * Direct responder to remove inner gloves * Direct responder to exit warm zone for further evaluation   *10 Minutes (Two firefighter team)* |
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| **PERSONAL PROTECTIVE EQUIPMENT** |
| **7- Identify and describe the function of each component of the Self-contained breathing apparatus (SCBA)** |
| * Identify and describe the backpack/harness * Identify and describe the air cylinder – cylinder, valve, and pressure gauge * Identify and describe the regulator assembly – high pressure hose, low pressure alarm, main line valve, emergency by-pass valve, PASS device if equipped * Identify and describe the face-piece assembly – low pressure hose/mask-mounted regulator, exhalation valve, and head harness |
| *5 Minutes* |
| **8- Demonstrate donning Self-Contained Breathing Apparatus (SCBA)** |
| * Check SCBA cylinder pressure gauge for full level * Open cylinder valve fully, verbalize pressure * Check regulator and cylinder gauge – gauges should read within 100psi of each other * Don backpack and fasten/tighten all straps * Don face-piece, adjust head harness * Check seal, positive/negative pressure check * Attach supply hose to regulator or face-piece * Turn on PASS device if needed   1 *Minute* |

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| **9- Demonstrate doffing Self-Contained Breathing Apparatus (SCBA)** |
| * Disconnect regulator from facepiece or low-pressure hose from regulator * Doff SCBA and place on ground, close cylinder valve * Relieve excess pressure from regulator, listen for low-pressure alarm * Turn off pass device, if equipped * Fully extend all straps on SCBA backpack * Fully extend all straps on facepiece * Inspect entire apparatus for cleanliness and damage |
| *2 Minutes* |
| **10- Assist/Don emergency response personnel in donning chemical splash protective clothing and SCBA: (2-firefighter team)** |
| ***Skills for person Donning Splash suit***   * Don hooded splash suit * Don boots * Don SCBA * Don facepiece * Check face seal * Don inner gloves * Don outer gloves * Don head protection   ***Skills for person assisting in Donning of Splash suit***   * Assist donning splash suit * Assist donning boots * \*Correctly tape suit to boots * \*Completely tape hood of PPE to SCBA facepiece *(do not cover field of vision on face piece)* * Assist donning SCBA * \*Tape front closure area and neck area * Assist donning inner gloves * Assist donning outer gloves * Assist responder to go on air * Fold al ends of tape (2” minimum)   \*Taping not required for encapsulating splash suits unless gloves and/or boots are not integrated into the suit. |
| *6 Minutes (Encapsulating suit)*  *12 Minutes (Non-encapsulating suit)* |
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| **11- Demonstrate stopping product release by closing remote valves** |
| * Confirm location of remote valve * Approach valve location staying out of product * Open or close valve * Exit area maintaining team integrity * Evaluate whether shutting off remote valve stopped the leak (Must Verbalize) |
| *2 Minutes (2-firefighter team)* |
| **12- Demonstrate the proper application of fire-fighting foam on a simulated hazardous materials spill** |
| * Approach spill upwind/upgrade out of product * Demonstrate proper application techniques * Select one of three methods of foam application; Roll on, bank over and rain down * Do not direct stream directly into pool |
| *4 Minutes (2-firefighter team)* |
| **13- Demonstrate construction of a dike to divert a spill** |
| * Construct a dike 6 feet long and 6 inches high * Work ahead of spill, out of product * Two personnel build dike and one-member standby as safety * Divert spill * Evaluate whether the dike is constructed appropriately and accomplishes objective. (Must verbalize) |
| *5 Minutes (3-firefighter team)* |
| **14- Demonstrate construction of a simple dam to control a spill** |
| * Construct a dam 6- feet long and 8-12 inches high * Work ahead of spill, out of product * Two personnel build dam and one-member standby as safety * Control spill |
| *5 Minutes (3-firefighter team)* |
| **15- Demonstrate the use of absorbent material to control a spill of a hazardous material** |
| * Control or absorb spill by putting absorbent materials in place * Work ahead of spill, out of product * Two personnel put materials in place and one-member standby as safety |
| *5 Minutes (3-firefighter team)* |

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| **HAZMAT** |
| **PREFORMING DEFENSIVE CONTROL ACTIONS** |

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| **PERFORMING DEFENSIVE CONTROL ACTIONS** |
| **16-Demonstrate proper evidence preservation for suspected criminal or terrorist acts.**   * Prevent individuals from altering or destroying physical evidence. * Restrict responder movement, location and activity around the evidence location. * Secure and mark evidence location (barrier tape/road cones). * Notify command immediately of findings including location and time.   *5 Minutes* |

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**STAFF**

**Captain Lee Monsen** - Program Coordinator - EMT-Paramedic, Technical Rescue Team, West Valley City Fire Department

801-558-2492 wvfdmedic@msn.com

**Captain Darin Monsen** - EMT-Intermediate, HAZMAT Technician, Unified Fire Authority

801-560-9022 [dmonsen@westvalleyfireacademy.com](mailto:dmonsen@westvalleyfireacademy.com)

**Captain Brian Christensen** - EMT-Intermediate, Technical Rescue Team, HAZMAT Technician, Unified Fire Authority

801-554-9226 brianc129@hotmail.com

**Engineer Wade Rigby** - EMT, Technical Rescue Team South Davis Metro Fire District

801-499-0447 [waderigby@gmail.com](mailto:waderigby@gmail.com)

Website: wvfireacademy.com

West Valley Fire Academy LLC.