

SPEEDS[®]

Special Purpose Expedient Decontamination System



24 H Model

Technical Solutions Group International[®]
3864 Battery Street, Las Vegas, Nevada 89129
800.820.4028 | 702.656.5482
www.TSGIUSA.com
Government@TSGIUSA.com | Corporate@TSGIUSA.com

CBRN T A C T I C A L
COUNTERMEASURES

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SPEEDS® SYSTEM NOTES

The SPEEDS® Special Event Expedient Personnel Decontamination System is a tactical, self contained, independent and fully validated wet decontamination process (biological and radiological agents) and dry decontamination process (chemical agents) field personnel decontamination system.

- Highly portable, the SPEEDS® system permits rapid personnel decontamination through a series of validated contamination control and personal protective equipment removal protocols. The SPEEDS® system is designed specifically to support continuity of operations in a CBRN environment.
- SPEEDS® is the only validated CBRN tactical decontamination system available on the market, and is currently deployed worldwide with DoD, OGA, State and Local, and Corporate security forces.
- For chemical agent decontamination SPEEDS® utilizes Sorbant Decontamination System (SDS) as the decontamination media combined with validated comprehensive personal protective equipment cut-out procedures to provide a safe, effective and expedient means to decontaminate up to twenty-four (24) contaminated persons.
- For biological, radiological and nuclear agent decontamination SPEEDS® utilizes calcium hypochlorite solution as the decontamination media combined with personal protective equipment cut-out and un-dress procedures to provide a safe, effective and expedient means to process up to twenty-four (24) contaminated persons.
- The SPEEDS® system is designed for 1 time use, and is packaged and delivered in an operational-ready state.

- For training, it is recommended that a separate system be utilized and designated as a training system, and that operational systems are not used for training. For training, DO NOT USE the battery powered shears with SDS. Prolonged exposure of the power shears motor to the SDS will significantly reduce the life cycle of the powered shears. Additionally it is not recommended to use the calcium hypochlorite mixture in training. The high concentration will deteriorate the system components and PPE equipment.
- RECOMMENDED MANNING REQUIREMENTS: All protocol validations for the SPEEDS® system were conducted using a (5) man decontamination team consisting of (1) Hot Line Supervisor and (4) Station operators.

TRAINING RESOURCES

TSGI offers a series of tactical CBRN countermeasure training courses designed to provide military, government, law enforcement, and corporate security personnel with the knowledge and skills sets required to maintain strategic and tactical operational continuity within a CBRN event, environmental catastrophe or industrial accident.

Block 1: 8 hours, 4 hours lecture, 4 hours practical with SPEEDS

Block 1 is designed for personnel who could be required to maintain an operation capability within a CBRN event, environmental catastrophe or industrial accident. The course presentation covers the fundamental properties, signs and symptoms, downstream effects, essential medical countermeasures, and introduces traditional delivery/dispersal methodologies of higher-threat chemical and biological warfare agents at the awareness level. Key to this block of training are, agent overview, operator preparedness measures, introduction to consequences and mitigating circumstances, recognition of an event, and introducing decontamination to the user, as well as environmental and property considerations. Products supported: SPEEDS

Block 2: 8 hours, 4 hours lecture, 4 hour practical with SPEEDS, PADD, F-Sampler and PERK

Block 2 is designed as a follow-on segment to block 1, a general understanding of Chem/Bio/Rad/Nuke hazards is highly recommended. This more advanced training includes tactical considerations for CBRNE operations, from planning and rehearsal through execution and reconstitution. Lecture material presented in this block includes, amplifying information of chemical and biological warfare agent characteristics, detailed analysis of medical signs and symptoms, as well as additional agents of interest and novel dissemination techniques. Practical material presented in this block comprises, specific PPE decontamination considerations to the ensemble employed by the user, operational planning considerations for decontamination, introduction to 12-step sampling, and nerve agent antidote administration. Products supported: SPEEDS, F-Sampler, PADD.

Block 3: 20-28 hours, 4 hours lecture, 16-24 hours SPEEDS Practical Validation

Block 3 is primarily an organizational validation exercise for the PPE ensemble. TSGI will provide the necessary scientific and operational evaluation criteria, data, and support for your organization in order to validate the techniques and equipment for use in an operational environment. A 4-hour block of lecture is required in order to familiarize the user to the components of the SPEEDS system, layout and methodology. Based upon the needs of the user, demonstrated or anticipated mission set, and as directed, TSGI will incorporate or inject the use of the F-Sampler, PERK and PADD throughout the validation exercise to refine and solidify these perishable skills. The TSGI CB SIMULANT Kit is utilized for chemical and biological contamination identification under UV lighting. Products supported: SPEEDS series of decontamination, PADD, F-Sampler, PERK, CB SIMULANT.

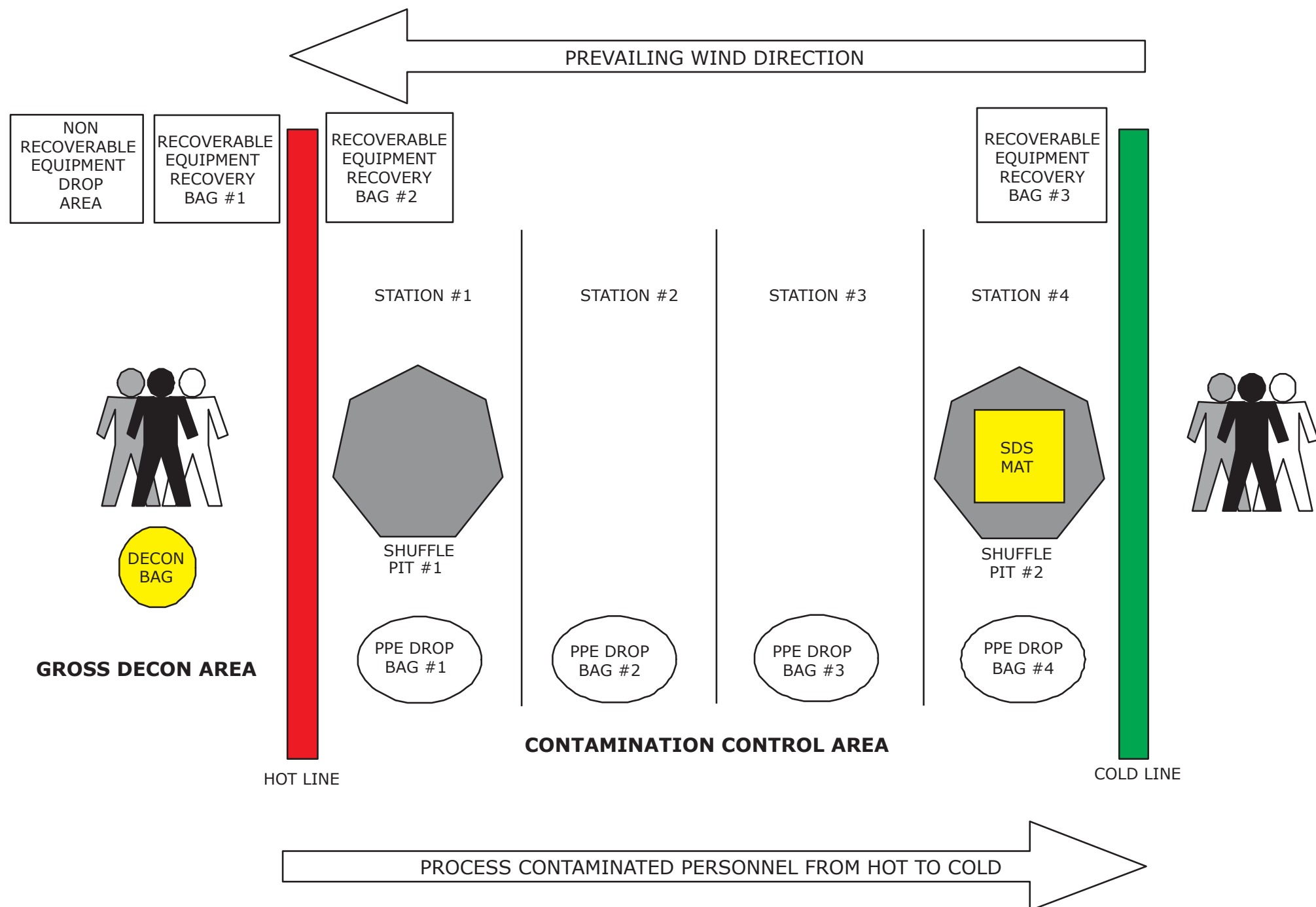
Block 4: 8-16 hours CBRN Countermeasure FTX

Block 4 is a primary decontamination or sampling exercise; conducted in a tabletop or roundtable setting, the planning and execution of a CBRN decontamination mission is moderated by an operational subject matter expert. The exercise, chosen by the client, is tailored to the mission set of the user, in either a deliberate or stumble-on environment. Planning, preparation, rehearsal, execution, recovery and mitigation are addressed in detail, to include decontamination and, as directed, presumptive sampling techniques. Tactical decontamination utilizing the SPEEDS series of decontamination products is specifically tailored to the environment and equipment utilized. A Demonstrated understanding of CBRN agents and considerations are prerequisite for this block of instruction. Products supported: SPEEDS series of decontamination, PERK, PADD, F-Sampler.

Block 5: 16-24 hours CBRN Countermeasure FMP

Block 4 is a field exercise that is operationally orientated to the employment of the SPEEDS series of decontamination tools; conducted in a field setting as selected by the client, TSGI will construct and man a mock clandestine laboratory (chem/bio), and provide observational input on the tactics, techniques and procedures (TTP's) against the selected target. Emergency Operations Center (EOC), as well as coordinating agency considerations issues is addressed. Target Intelligence Packages (TIP), to include imagery, are produced and disseminated for planning purposes. F-Sampler sampling techniques are critiqued for forensic validity and transport (using FBI protocols), preparation of material suitable for media release, infiltration, action on the objective, ex-filtration and decontamination are critiqued, to include redeployment protocols. PADD and PERK product suites are operationally employed, evaluated and critiqued as well as the CB SIMULANT Kit for decontamination protocol compliance. Strong demonstration of decontamination principals, understanding of counter-CBRN operations, and mission planning are prerequisite for this module. Products supported: SPEEDS series of decontamination, F-Sampler, PADD, PERK, CB SIMULANT.

CHEMICAL AGENT CONTAMINATION CONTROL AREA SET UP INSTRUCTIONS



CONTAMINATION CONTROL AREA SET UP INSTRUCTIONS - CHEMICAL AGENT

- STEP 1. Determine PREVAILING WIND DIRECTION and establish HOT LINE (HL)
- STEP 2. Determine CONTAMINATION CONTROL AREA (CCA) and un-pack SPEEDS kit.
- Place RED CHEMLIGHT STRAP to designate HOT LINE (HL)
 - Place GREEN CHEMLIGHT STRAP to designate COLD LINE (CL)
- STEP 3. Set up components of "CONTAMINATION CONTROL AREA" (CCA) as follows:
- Place SHUFFLE PIT #1
 - Place YELLOW DECON MEDIA BAG across to the (HL)
 - Place SENSITIVE EQUIPMENT RECOVERY BAGS #1 and #2
 - Place PPE DROP BAG #1
 - Place PPE DROP BAG #2
 - Place PPE DROP BAG #3
 - Place PPE DROP BAG #4
 - Place SHUFFLE PIT #2
 - Place SENSITIVE EQUIPMENT RECOVERY BAGS #3
 - Place SDS DECONTAMINATION MAT into SHUFFLE PIT #2
- STEP 4. Prepare and dispense DECONTAMINATION SOLUTION as follows:
- Empty 1 bag of SDS POWDER into each TOOL POUCH to be used
 - Empty 1 bag of SDS POWDER into SHUFFLE PIT #1
 - Place 1 bag of SDS POWDER at SENSITIVE EQUIPMENT RECOVERY BAG #2
- STEP 5. Don TOOL POUCH

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: CHEMICAL
PPE: Two piece JSLIST type VII suit (with second skin hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Decon using the M295's located in the YELLOW M295 BAG
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with SDS POWDER.
- STEP 5. Station #1 Operator will direct Deconee to step out of SHUFFLE PIT #1.
- STEP 6. Station #1 Operator will cut hood shoulder straps and loosen neck cord, place hood straps into PPE DROP BAG #1. Station #1 Operator decons hands and tools.
- STEP 7. Station #1 Operator will roll hood from rear bottom and gather hood into neck cord area, secure hood roll by tightening neck cord. Station #1 Operator decons hands and tools.
- STEP 8. Station #1 Operator will cut excess neck cord and place in PPE DROP BAG #1. Station #1 Operator decons hands and tools.
- STEP 9. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 10. Station #2 Operator will cut the first wrist closure strap. Station #2 Operator decons hands and tools.
- STEP 11. Station #2 Operator will cut the second wrist closure strap. Station #2 Operator decons hands and tools.
- STEP 12. Station #2 Operator will cut the first ankle closure strap. Station #2 Operator decons hands and tools.
- STEP 13. Station #2 Operator will cut the second ankle closure strap. Station #2 Operator decons hands and tools.
- STEP 14. Station #2 Operator will cut from the top center of the upper garment down the back side. Station #2 Operator decons hands and tools.
- STEP 15. Deconee extends both arms outward while Station #2 Operator removes upper garment by pulling down the arms, folding the upper garment into itself. Station #2 Operator places upper garment into PPE DROP BAG #2. Station #2 Operator decons hands and tools.

- STEP 16. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 17. Station #3 Operator will cut down outer side of the first leg of the lower garment. Station #3 Operator decons hands and tools.
- STEP 18. Station #3 Operator will cut down outer side of the second leg of the lower garment. Station #3 Operator decons hands and tools.
- STEP 19. Station #3 Operator grasps suspender straps and cuts above the cross, instructing the Deconee to "step-forward" and out of the lower garment. Station #3 Operator folds lower garment into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 20. Station #3 Operator cuts boot closures and back of boot as required. Station #3 Operator instruct Deconee to "step forward" out of each boot. Station #3 Operator places his hands inside each boot and places boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 21. Station #3 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2, placing both feet onto the SDS DECONTAMINATION MAT. Station #3 Operator places socks into PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 22. Station #4 Operator directs Deconee to perform a glove removal procedure.
- STEP 23. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: CHEMICAL
PPE: Two piece JSLIST type II suit (with attached hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Decon using the M295's located in the YELLOW M295 BAG
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with SDS POWDER.
- STEP 5. Station #1 Operator will direct Deconee to step out of SHUFFLE PIT #1.
- STEP 6. Station #1 Operator will cut the first wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 7. Station #1 Operator will cut the second wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 8. Station #1 Operator will cut the first ankle closure strap. Station #1 Operator decons hands and tools.
- STEP 9. Station #1 Operator will cut the second ankle closure strap. Station #1 Operator decons hands and tools.
- STEP 10. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 11. Station #2 Operator will cut Deconee's hood string and crotch straps, remove and place in PPE DROP BAG #2. Station #2 Operator decons hands and tools.
- STEP 12. Station #2 Operator cuts Deconee's hood starting from the side of the head at the temple, cutting back to the nape of the neck and folding the cut hood downward across the shoulders. Station #2 Operator decons hands and tools.
- STEP 13. Station #2 Operator will cut from the top center of the upper garment down the backside. Station #2 Operator decons hands and tools.
- STEP 14. Deconee extends both arms outward while Station #2 Operator removes upper garment by pulling down the arms, folding the upper garment into itself. Station #2 Operator places upper garment into PPE DROP BAG #2. Station #2 Operator decons hands and tools.

- STEP 15. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 16. Station #3 Operator will cut down outer side of the first leg of the lower garment. Station #3 Operator decons hands and tools.
- STEP 17. Station #3 Operator will cut down outer side of the second leg of the lower garment. Station #3 Operator decons hands and tools.
- STEP 18. Station #3 Operator grasps pants just below the suspender straps and cuts above the cross, instructing the Deconee to "step-forward" and out of the lower garment. Station #3 Operator folds lower garment into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 19. Station #3 Operator cuts boot closures and back of boot as required. Station #3 Operator instructs Deconee to "step forward" out of each boot. Station #3 Operator places his hands inside each boot and places boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 20. Station #3 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2, placing both feet onto the SDS DECONTAMINATION MAT. Station #3 Operator places socks into PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 21. Station #4 Operator directs Deconee to perform a glove removal procedure.
- STEP 22. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: CHEMICAL
PPE: One piece suit with CPU undergarment (with second skin style hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Decon using the M295's located in the YELLOW M295 BAG
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with SDS POWDER.
- STEP 5. Station #1 Operator will direct Deconee to step out of SHUFFLE PIT #1.
- STEP 6. Station #1 Operator will cut hood shoulder straps and loosen neck cord, place hood straps into PPE DROP BAG #1. Station #1 Operator decons hands and tools.
- STEP 7. Station #1 Operator will roll hood from rear bottom and gather hood into neck cord area, secure hood roll by tightening neck cord. Station #1 operator decons hands and tools.
- STEP 8. Station #1 Operator cuts excess neck cord and places in PPE DROP BAG #1. Station #1 operator decons hands and tools.
- STEP 9. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 10. Station #2 Operator cuts the first wrist closure strap. Station #2 Operator decons hands and tools.
- STEP 11. Station #2 Operator cuts the second wrist closure strap. Station #2 Operator decons hands and tools.
- STEP 12. Station #2 Operator cuts the first ankle closure strap. Station #2 Operator decons hands and tools.
- STEP 13. Station #2 Operator cuts the second ankle closure strap. Station #2 Operator decons hands and tools.
- STEP 14. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 15. Station #3 Operator will cut down the front of the first boot, cutting the laces. Station #3 Operator decons hands and tools.

- STEP 16. Stations #3 Operator will cut down the front of the second boot, cutting the laces. Station #3 Operator decons hands and tools.
- STEP 17. Station #3 Operator steps on the back of the first boot and the Deconee will step forward and out of the first boot. Repeat the procedure for the second boot. Station #3 Operator will pick up the boots from the inside and place boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 18. Station #3 Operator cuts down the back of PPE suit and as far down one leg as possible. Station #3 Operator decons hands and tools.
- STEP 19. Station #3 Operator cuts down second leg from buttocks area down. Station #3 Operator decons hands and tools.
- STEP 20. Deconee extends both arms forward and slightly bends at the waist while Station #3 Operator removes the PPE by grabbing at the shoulders and pulling downward off of the arms, folding the garment into itself, pulling it all the way down until the garment is around the Deconees feet, have Deconee step out of the attached booties. Station #3 Operator folds the garment into itself and places garment into PPE DROP BAG #3. Station #3 Operator decons hands and tools. (NOTE: If outer gloves were not removed with PPE, then Station #3 Operator removes outer gloves and places them in PPE DROP BAG #3). Station #3 Operator decons hands and tools.
- STEP 21. CPU undergarment removal - Station #3 Operator cuts down the middle of the back of the CPU undergarment shirt. Station #3 Operator decons hands and tools.
- STEP 22. Deconee extends both arms forward. Station #3 Operator pulls CPU undergarment shirt from top down arms, folding garment into itself. Station #3 Operator places CPU undergarment shirt into PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 23. Station #3 Operator cuts down the back of both legs of CPU undergarment trousers. Station #3 Operator holds CPU undergarment trousers at the belt line and instructs Deconee to step forward out of CPU undergarment trousers. Station #3 Operator folds the CPU undergarment trousers into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools.
- STEP 24. Station #3 Operator directs the Deconee to step forward into Station #4 area.
- STEP 25. Station #4 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2, placing both feet onto the SDS DECONTAMINATION MAT. Station #4 Operator places socks into PPE DROP BAG #4. Station #4 Operator decons hands and tools.
- STEP 26. Station #4 Operator directs Deconee to perform a glove removal procedure for inner gloves.
- STEP 27. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: CHEMICAL
PPE: One piece suit (with attached hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Decon using the M295's located in the YELLOW M295 BAG
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with SDS POWDER.
- STEP 5. Station #1 Operator will direct Deconee to step out of SHUFFLE PIT #1.
- STEP 6. Station #1 Operator cuts the first wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 7. Station #1 Operator cuts the second wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 8. Station #1 Operator cuts the first ankle closure strap. Station #1 Operator decons hands and tools.
- STEP 9. Station #1 Operator cuts the second ankle closure strap. Station #1 Operator decons hands and tools.
- STEP 10. Station #1 directs Deconee to step forward into Station #2 area.
- STEP 11. Station #2 Operator will cut down the front of the first boot, cutting the laces. Station #2 Operator decons hands and tools.
- STEP 12. Station #2 Operator will cut down the front of the second boot, cutting the laces. Station #2 Operator decons hands and tools.
- STEP 13. Station #2 Operator steps on the back of the first boot and the Deconee will step forward and out of the first boot. Repeat the procedure for the second boot. Stations #2 Operator picks up the boots from the inside and discards into Station #2 PPE collection back. Station #2 Operator decons hands and tools.
- STEP 14. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 15. Station #3 Operator cuts down the side of the hood to the back of the neck of the PPE suit Station #3 Operator decons hands and tools. Station #3 Operator cut down the back from the neck to as far down one leg as possible. Station #3 Operator decons hands and tools.

- STEP 16. Deconee extends both arms forward and slightly bends at the waist while Station #3 Operator removes the PPE by grabbing at the shoulders (ensure that you grab the suspenders) and pulling downward off of the arms, folding the garment into itself, pulling it all the way down until the garment is around the Deconees feet, have Deconee step out of the attached booties. Station #3 Operator places PPE into PPE DROP BAG #3. Station #3 Operator decons hands and tools. Station #3 Operator decons hands and tools.
- STEP 17. Station #3 Operator directs the Deconee to step forward into Station #4 area.
- STEP 18. Station #4 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2, placing both feet onto the SDS DECONTAMINATION MAT. Station #4 Operator places socks into PPE DROP BAG #4. Station #4 Operator decons hands and tools.
- STEP 19. Station #4 Operator directs Deconee to perform a glove removal procedure for inner gloves.
- STEP 20. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: CHEMICAL
PPE: Two piece JSLIST Type VII suit (with second skin style hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin M-295 decon of outer PPE front and back. NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the shoulder straps of the hood -- Decon hands and tools
- STEP 4. Cut up the skirt of the hood to the chin then all the way around the face blank and lay open the hood -- Decon hands and tools
- STEP 5. Cut down the front of the jacket to the torso -- Decon hands and tools
- STEP 6. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 7. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 8. Lay open the jacket and arms to the side to expose the chest -- Decon hands and tools
- STEP 9. Remove the gloves -- Decon hands and tools
- STEP 10. Cut the front of the suspenders and lay them over the shoulders -- Decon hands and tools

- STEP 11. Cut down the (L) leg to the boot -- Decon hands and tools
- STEP 12. Cut down the (R) leg to the boot -- Decon hands and tools
- STEP 13. Lay pants open and expose the legs -- Decon hands and tools
- STEP 14. Cut off (L) boot -- Decon hands and tools
- STEP 15. Cut off (R) boot -- Decon hands and tools
- STEP 16. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE. NOTE: The person at the head will call for the lift.
- STEP 17. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: CHEMICAL
PPE: Two piece JSLIST Type II suit (with attached hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin M-295 decon of outer PPE front and back. NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the hood strings at the neck -- Decon hands and tools
- STEP 4. Cut the hood starting at the temple area and working towards the back of the head and lay the hood open -- Decon hands and tools
- STEP 5. Cut down the front of the jacket to the torso -- Decon hands and tools
- STEP 6. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 7. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 8. Lay open the jacket and arms to the side to expose the chest -- Decon hands and tools
- STEP 9. Remove the gloves -- Decon hands and tools
- STEP 10. Cut the front of the suspenders and lay them over the shoulders -- Decon hands and tools

- STEP 11. Cut down the (L) leg to the boot -- Decon hands and tools
- STEP 12. Cut down the (R) leg to the boot -- Decon hands and tools
- STEP 13. Lay pants open and expose the legs -- Decon hands and tools
- STEP 14. Cut off (L) boot -- Decon hands and tools
- STEP 15. Cut off (R) boot -- Decon hands and tools
- STEP 16. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE.
NOTE: The person at the head will call for the lift.
- STEP 17. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: CHEMICAL
PPE: One piece suit (with attached hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin M-295 decon of outer PPE front and back. NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the hood strings at the neck -- Decon hands and tools
- STEP 4. Cut off (L) boot -- Decon hands and tools
- STEP 5. Cut off (R) boot -- Decon hands and tools
- STEP 6. Cut the hood starting at the temple area and working towards the back of the head and lay the hood open -- Decon hands and tools
- STEP 7. Cut down the torso area and continue cutting down the entire (L) leg to the end of the bootie -- Decon hands and tools
- STEP 8. Starting at the groin cut down the (R) leg to the end of the bootie
- STEP 9. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 10. Cut down the (R) arm to the wrist -- Decon hands and tools

- STEP 11. Lay open the arms and legs -- Decon hands and tools
- STEP 12. Cut each of the suspenders at the waist and place over the shoulders and tuck under casualty – Decon hands and tools
- STEP 13. Remove the gloves -- Decon hands and tools
- STEP 14. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE.
NOTE: The person at the head will call for the lift.
- STEP 15. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: CHEMICAL
PPE: One piece suit with CPU undergarment (with second skin style hood)
DECON-MEDIA: M295 | SDS
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin M-295 decon of outer PPE front and back. NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the shoulder straps of the hood -- Decon hands and tools
- STEP 4. Cut up the skirt of the hood to the chin then all the way around the face blank and lay open the hood -- Decon hands and tools
- STEP 5. Cut off (L) boot -- Decon hands and tools
- STEP 6. Cut off (R) boot -- Decon hands and tools
- STEP 7. Cut down the torso area and continue cutting down the entire (L) leg to the end of the bootie -- Decon hands and tools
- STEP 8. Starting at the groin cut down the (R) leg to the end of the bootie
- STEP 9. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 10. Cut down the (R) arm to the wrist -- Decon hands and tools

- STEP 11. Lay open the arms and legs -- Decon hands and tools
- STEP 12. Remove the gloves -- Decon hands and tools
- STEP 13. Cut down the torso of the CPU to the waist -- Decon hands and tools
- STEP 14. Cut down the (L) arm of the CPU to the wrist -- Decon hands and tools
- STEP 15. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 16. Lay open the CPU torso and arms exposing the upper chest – Decon hands and tools
- STEP 17. Cut down the (L) leg of the CPU to the sock -- Decon hands and tools
- STEP 18. Cut down the (R) leg of the CPU to the sock – Decon hands and tools
- STEP 19. Lay open the legs and socks of the CPU and expose the legs and feet –Decon hands and tools
- STEP 20. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE.
NOTE: The person at the head will call for the lift.
- STEP 21. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - EQUIPMENT

AGENT: CHEMICAL
DECON-MEDIA: M295 | SDS
PROTOCOL: Sensitive Equipment Recovery System (SERS)

NOTE: The Sensitive Equipment Recovery System (SERS) is a heavy duty CBRN contamination containment bagging system which is used to recover sensitive equipment for later decontamination during a tactical decontamination event. In order to conduct this protocol a SERS system is required, and consists of the following components: SERS Bag #1 (nylon chafe bag); SERS Bag #2 (vapor containment bag); SERS Bag #3 (secondary vapor containment and transport bag); (4) one-pound bags of SDS; (4) M295 decon mitts; (8) calcium hypochlorite towels.

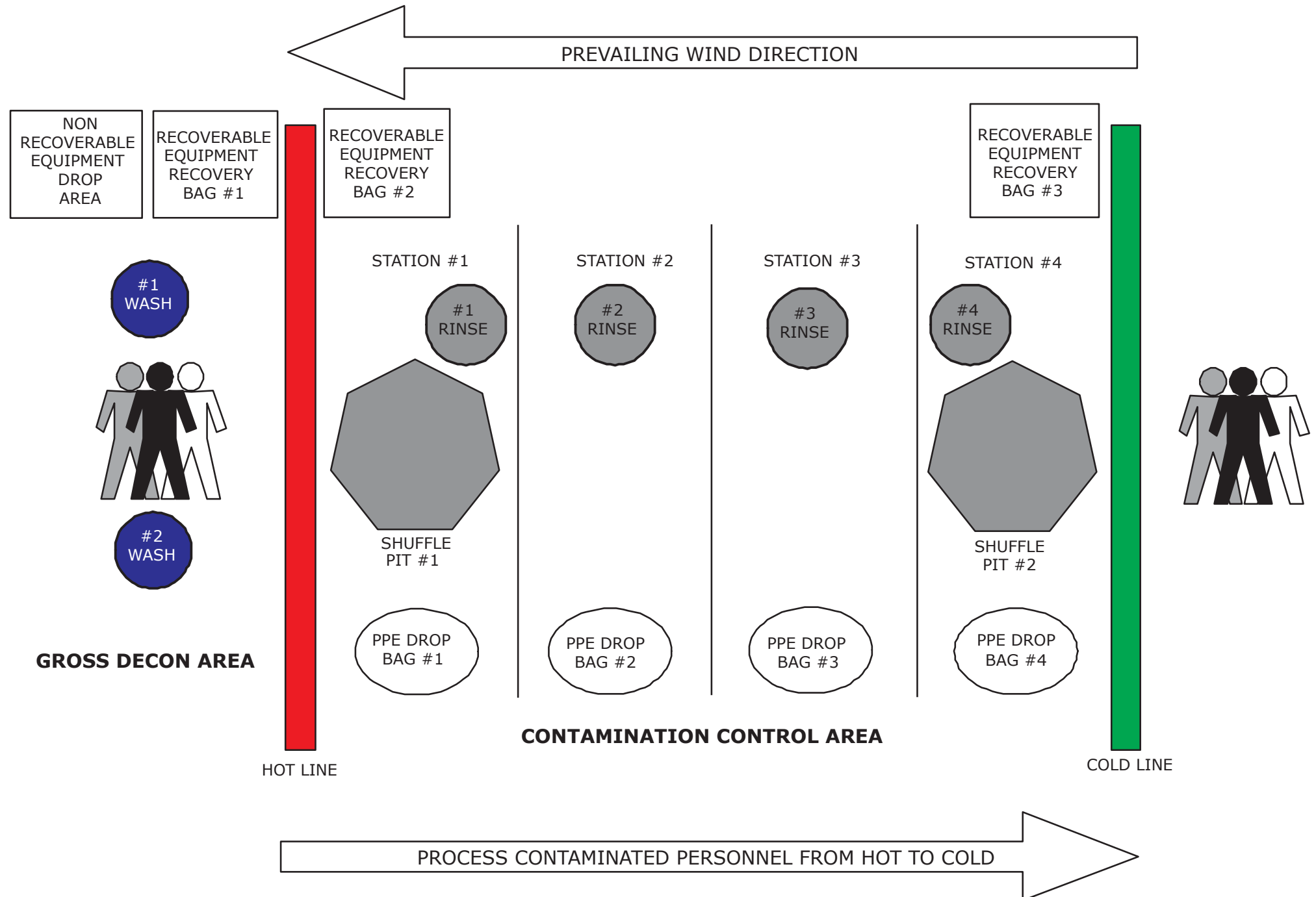
- STEP 1. Deconee's will place all recoverable equipment into the Sensitive Equipment Recovery (SERS) Bag #1. The last two remaining Deconee's will empty (2) one-pound bags of SDS into SERS #1 and close.
- STEP 2. The last two Deconee's move SERS Bag #1 across the Hot Line and place into SERS Bag #2. NOTE: Last two Deconee's are then processed through the decon line.
- STEP 3. Designated Station Operators (#1 and #2) or as many as required will empty (1) one-pound bag of SDS into SERS Bag #2, then partially close the waterproof zipper on SERS Bag #2. Using the compression straps, Station Operators compress SERS Bag #2 as much as possible before fully closing the zipper.
- STEP 4. Station Operators #1 and #2 will each use an M295 and pat down the outside of SERS Bag #2.
- STEP 5. Station Operator #1 and #2 (as required) will move the SERS Bag #2 to the Cold Line and place SERS Bag #2 into SERS Bag #3. Station Operators will empty (1) one-pound bag of SDS into SERS Bag #3 and partially close down the waterproof zipper on SERS Bag #3.
- STEP 6. Station Operators #3 and #4 will use the compressions straps to compress SERS Bag #3 as much as possible before fully closing down the waterproof zipper on SERS Bag #3.
- STEP 7. Station Operators #3 and #4 will each use an M295 and pat down the outside of SERS Bag #3. Station Operators #3 and #4 will then pass the SERS Bag #3 across the Cold Line.
- STEP 8. Begin Station close-out procedures as required.

DECONTAMINATION PROTOCOL – CONTAMINATION CONTROL AREA CLOSE-OUT

AGENT: CHEMICAL
DECON-MEDIA: M295 | SDS
PROTOCOL: Station 'Close-out'

- STEP 1.
- Station #1 Operator will discard his decon pouch into PPE DROP BAG #1 and move to Station #2;
 - Station #2 Operator will perform Station #1 and Station #2 protocols.
 - Station #1 Operator will move to Station #3; Station #3 will perform Station #3 protocols.
 - Station #1 Operator will move to Station #4 and Station #4 will perform Station #4 protocols.
 - Station #1 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 2.
- Station #2 Operator will drop his decon pouch in PPE DROP BAG #1, close the drop bag and move it to the back of the Contamination Control area.
 - Station #2 Operator will then move to Station #3; Station #3 Operator will perform Station #1, Station #2 and Station #3 protocols.
 - Station #2 Operator will then move to Station #4 and Station #4 will perform Station #4 protocols;
 - Station #2 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 3.
- Station #3 Operator will discard his decon pouch in PPE DROP BAG #2, close the drop bag and move it to the back of the Contamination Control area.
 - Station #3 Operator will then move to Station #4; Station #4 Operator will perform Station #1, Station #2, Station #3 and Station #4 protocols.
 - Station #3 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 4.
- Station #4 Operator will give the Hot Line Supervisor his decon pouch.
 - Station #4 Operator will collect the "Cold Line" and place in PPE DROP BAG #3.
 - The Hot Line Supervisor will perform will perform Station #1, Station #2, Station #3 and Station #4 protocols.
 - Station #4 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 5.
- Hot Line Supervisor will discard his decon pouch into PPE DROP BAG #3, close and move to the back of the Contamination Control area.
 - The Hot Line Supervisor will perform a standard PPE self undress and perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.

BIO | RAD AGENT CONTAMINATION CONTROL AREA SET UP INSTRUCTIONS



CONTAMINATION CONTROL AREA SET UP INSTRUCTIONS - BIO | RAD AGENT

- STEP 1. Determine PREVAILING WIND DIRECTION and establish HOT LINE (HL)
- STEP 2. Determine CONTAMINATION CONTROL AREA (CCA) and un-pack SPEEDS kit.
- Place RED CHEMLIGHT STRAP to designate HOT LINE (HL)
 - Place GREEN CHEMLIGHT STRAP to designate COLD LINE (CL)
- STEP 3. Set up components of "CONTAMINATION CONTROL AREA" (CCA) as follows:
- Place SHUFFLE PIT #1
 - Place BLUE WASH BAGS (2 ea) with WASH MITTS next to the (HL)
 - Place PPE DROP BAG #1, #2, #3 and #4
 - Place SHUFFLE PIT #2
 - Place BLACK RINSE BAG #1, #2, #3 and #4 with WASH MITTS
 - Place SENSITIVE EQUIPMENT RECOVERY BAGS #1 and #2
 - Place SENSITIVE EQUIPMENT RECOVERY BAG #3
- STEP 4. Prepare and dispense DECONTAMINATION SOLUTION as follows:
- Dispense (1) HTH pack into each of the (3) BLACK DESIGNATED WATER BLADDERS and the (2) BLUE DESIGNATED WATER BLADDERS
 - Dispense (1) SURFACTANT pack into each of the (2) BLUE DESIGNATED WATER BLADDERS
 - Fill all BLADDERS with water from a nearby source and thoroughly shake to ensure solution mixture.
 - Empty the contents of BLUE DESIGNATED WATER BLADDER #1 evenly into the (2) BLUE WASH BAGS and place in position across the HOT LINE (HL). Place BLUE WATER BLADDER #2 across the HOT LINE (HL).
- NOTE: Direct Deconee's to move the BLUE WASH BAGS to an adequate distance away from the HOT LINE (H/L) so that run-off does not drain across HOT LINE (H/L) into the CONTAMINATION CONTROL AREA (CCA).
- NOTE: Direct Deconee's to re-fill WASH BAGS as required from BLUE DESIGNATED WATER BLADDER #2.
- Empty the contents of BLACK DESIGNATED WATER BLADDER #1 evenly between SHUFFLE PIT #1 and SHUFFLE PIT #2
 - Empty contents of BLACK DESIGNATED WATER BLADDER #2 into BLACK RINSE BAGS #1 and #2 evenly.
 - Empty contents of BLACK DESIGNATED WATER BLADDER #3 into BLACK RINSE BAGS #3 and #4 evenly.
- STEP 5. DON Tool Belt

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: BIO | RAD
PPE: Two piece JSLIST type VII (with second skin hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Wash using the wash mitts located in WASH BAGS #1.
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with decon media.
- STEP 5. Station #1 Operator will conduct a full body rinse (head to toe) using the wash mitt in RINSE BAG #1
- STEP 6. Station #1 Operator directs Deconee to step out of SHUFFLE PIT.
- STEP 7. Station #1 Operator will cut hood straps and loosen neck cord, place hood straps into PPE DROP BAG #1. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 8. Station #1 Operator will roll hood from rear bottom and gather hood into neck cord area, secure hood roll by tightening neck cord. Station #1 operator decons hands and tools in RINSE BAG #1.
- STEP 9. Station #1 Operator cuts excess neck cord and places in PPE DROP BAG #1. Station #1 operator decons hands and tools in RINSE BAG #1.
- STEP 10. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 11. Station #2 Operator cuts the first wrist closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 12. Station #2 Operator cuts the second wrist closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 13. Station #2 Operator cuts the first ankle closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2. remove boots at this step. If PPC does not have socks permanently attached then boots will be removed at STEP 23. Place boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.

- STEP 14. Station #2 Operator cuts the second ankle closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2
- STEP 15. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 16. Deconee extends both arms outward while Station #2 Operator removes upper garment by pulling down the arms, folding the upper garment into itself. Station #2 Operator places upper garment into PPE DROP BAG #2. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 17. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 18. Station #3 Operator will cut down outer side of the first leg of the lower garment. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 19. Station #3 Operator will cut down outer side of the second leg of the lower garment. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 20. Station #3 Operator grasps suspender straps and cuts above the cross, instructing the Deconee to "step-forward" and out of the lower garment. Station #3 Operator folds lower garment into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 21. Station #3 Operator cuts boot closures and back of boot as required. Station #3 Operator instruct Deconee to "step forward" out of each boot. Station #3 Operator places his hands inside each boot and places boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 22. Station #3 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2. Station #3 Operator places socks into PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 23. Using WASH MITT in RINSE BAG #4 Deconee rinses down entire front portion of their body starting at the head and working downward to the feet. Station #4 Operator washes down the back portion of Deconee starting at the head and working downward to the feet. Both the Deconee and Station Operator #4 decon hands and tools in RINSE BAG #4 as required.
- STEP 24. Station #4 Operator directs Deconee to perform a glove removal procedure.
- STEP 25. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: BIO | RAD
PPE: Two piece JSLIST type II (with attached hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Wash using the wash mitts located in WASH BAGS #1.
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with decon media.
- STEP 5. Station #1 Operator will conduct a full body rinse (head to toe) using the wash mitt in RINSE BAG #1.
- STEP 6. Station #1 Operator directs Deconee to step out of SHUFFLE PIT.
- STEP 7. Station #1 Operator will cut the first wrist closure strap. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 8. Station #1 Operator will cut the second wrist closure strap. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 9. Station #1 Operator will cut the first ankle closure strap. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 10. Station #1 Operator will cut the second ankle closure strap. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 11. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 12. Station #2 Operator will cut Deconee's hood string and waist straps, remove and place in PPE DROP BAG #2. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 13. Station #2 Operator cuts Deconee's hood starting from the side of the head at the temple, cutting back to the nape of the neck and folding the cut hood downward across the shoulders. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 14. Station #2 Operator will cut from the top center of the upper garment down the backside. Station #2 Operator decons hands and tools in RINSE BAG #2.

- STEP 15. Deconee extends both arms outward while Station #2 Operator removes upper garment by pulling down the arms, folding the upper garment into itself. Station #2 Operator places upper garment into PPE DROP BAG #2. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 16. Station #2 Operator directs Deconee to step forward into Station #3 area.
- STEP 17. Station #3 Operator will cut down outer side of the first leg of the lower garment. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 18. Station #3 Operator will cut down outer side of the second leg of the lower garment. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 19. Station #3 Operator grasps suspender straps and cuts above the cross, instructing the Deconee to “step-forward” and out of the lower garment. Station #3 Operator folds lower garment into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 20. Station #3 Operator cuts boot closures and back of boot as required. Station #3 Operator instructs Deconee to “step forward” out of each boot. Station #3 Operator places his hands inside each boot and places boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 21. Station #3 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2. Station #3 Operator places socks into PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 22. Using WASH MITT in RINSE BAG #4 Deconee rinses down entire front portion of their body starting at the head and working downward to the feet. Station #4 Operator washes down the back portion of Deconee starting at the head and working downward to the feet. Both the Deconee and Station Operator #4 decon hands and tools in RINSE BAG #4 as required.
- STEP 23. Station #4 Operator directs Deconee to perform a glove removal procedure
- STEP 24. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: BIO | RAD
PPE: One piece suit with CPU undergarment (with second skin style hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Wash using the wash mitts located in WASH BAGS #1.
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT #1 in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with decon media.
- STEP 5. Station #1 Operator will conduct a full body rinse (head to toe) using the wash mitt in RINSE BAG #1
- STEP 6. Station #1 Operator directs Deconee to step out of SHUFFLE PIT #1.
- STEP 7. Station #1 Operator will cut hood straps and loosen neck cord, place hood straps into PPE DROP BAG #1. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 8. Station #1 Operator will roll hood from rear bottom and gather hood into neck cord area, secure hood roll by tightening neck cord. Station #1 operator decons hands and tools in RINSE BAG #1.
- STEP 9. Station #1 Operator cuts excess neck cord and places in PPE DROP BAG #1. Station #1 operator decons hands and tools in RINSE BAG #1.
- STEP 10. Station #1 Operator directs Deconee to step forward into Station #2 area.
- STEP 11. Station #2 Operator cuts the first wrist closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 12. Station #2 Operator cuts the second wrist closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 13. Station #2 Operator cuts the first ankle closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 14. Station #2 Operator cuts the second ankle closure strap. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 15. Station #2 Operator directs Deconee to step forward into Station #3 area.

- STEP 16. Station #3 Operator will cut down the front of the first boot, cutting the laces. Station #3 Operator decons hands and tools in RINSE BAG #3
- STEP 17. Stations #3 Operator will cut down the front of the second boot, cutting the laces. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 18. Station #3 Operator steps on the back of the first boot and the Deconee will step forward and out of the first boot. Repeat the procedure for the second boot. Station #3 Operator will pick up the boots from the inside and place boots in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 19. Station #3 Operator cuts down the back of PPE suit and as far down one leg as possible. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 20. Station #3 Operator cuts down second leg from buttocks area down. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 21. Deconee extends both arms forward and slightly bends at the waist while Station #3 Operator removes the PPE by grabbing at the shoulders and pulling downward off of the arms, folding the garment into itself. Station #3 Operator places PPE into PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3. (NOTE: If outer gloves were not removed with PPE, then Station #3 Operator removes outer gloves and places them in PPE DROP BAG #3). Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 22. CPU undergarment removal - Station #3 Operator cuts down the middle of the back of the CPU undergarment shirt. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 23. Deconee extends both arms forward. Station #3 Operator pulls CPU undergarment shirt from top down arms, folding garment into itself. Station #3 Operator places CPU undergarment shirt into PPE DROP BAG #3. Station #3 Operator decons hands and tools RINSE BAG #3.
- STEP 24. Station #3 Operator cuts down the back of both legs of CPU undergarment trousers. Station #3 Operator holds CPU undergarment trousers at the belt line and instructs Deconee to step forward out of CPU undergarment trousers. Station #3 Operator folds the CPU undergarment trousers into itself and places in PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 25. Station #3 Operator directs the Deconee to step forward into Station #4 area.
- STEP 26. Station #4 Operator strips off outer and inner socks as Deconee steps into SHUFFLE PIT #2. Station #4 Operator places socks into PPE DROP BAG #4. Station #4 Operator decons hands and tools in RINSE BAG #4.
- STEP 27. Using WASH MITT in RINSE BAG #4 Deconee rinses down entire front portion of their body starting at the head and working downward to the feet. Station #4 Operator washes down the back portion of Deconee starting at the head and working downward to the feet. Both the Deconee and Station Operator #4 decon hands and tools in RINSE BAG #4 as required.
- STEP 28. Station #4 Operator directs Deconee to perform a glove removal procedure for inner gloves.
- STEP 29. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: BIO | RAD
PPE: One piece suit (with hood attached)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Prior to crossing the HOT LINE (HL) Deconee's will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy-Wash using the wash mitts located in WASH BAGS #1.
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT #1 in Station #1 area.
- STEP 4. Deconee will shuffle their feet to ensure adequate coverage with decon media.
- STEP 5. Station #1 Operator will conduct a full body rinse (head to toe) using the wash mitt in RINSE BAG #1
- STEP 6. Station #1 Operator directs Deconee to step out of SHUFFLE PIT #1.
- STEP 7. Station #1 Operator cuts the first wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 8. Station #1 Operator cuts the second wrist closure strap. Station #1 Operator decons hands and tools.
- STEP 9. Station #1 directs Deconee to step forward into Station #2 area.
- STEP 10. Station #2 Operator will cut down the front of the first boot, cutting the laces. Station #2 Operator decons hands and tools in RINSE BAG #2
- STEP 11. Stations #2 Operator will cut down the front of the second boot, cutting the laces. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 12. Station #2 Operator steps on the back of the first boot and the Deconee will step forward and out of the first boot. Repeat the procedure for the second boot. Station #2 Operator will pick up the boots from the inside and place boots in PPE DROP BAG #2. Station #2 Operator decons hands and tools in RINSE BAG #2.
- STEP 13. Station #2 Operator directs Deconee to step forward into Station #3 area.

- STEP 14. Station #3 Operator cuts down the side of the hood to the back of the neck of the PPE. Station #3 Operator decons hands and tools in RINSE BAG #3. Station #3 Operator cut down the back from the neck to as far down one leg as possible. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 15. Station #3 Operator cuts from buttocks area down the other leg. Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 16. Deconee extends both arms forward and slightly bends at the waist while Station #3 Operator removes the PPE by grabbing at the shoulders (ensure that you grab the suspenders) and pulling downward off of the arms, folding the garment into itself. Station #3 Operator places PPE into PPE DROP BAG #3. Station #3 Operator decons hands and tools in RINSE BAG #3. (NOTE: If outer gloves were not removed with PPE, then Station #3 Operator removes outer gloves and places them in PPE DROP BAG #3). Station #3 Operator decons hands and tools in RINSE BAG #3.
- STEP 17. Station #3 Operator directs the Deconee to step forward into Station #4 area.
- STEP 18. Using WASH MITT in RINSE BAG #4 Deconee rinses down entire front portion of their body starting at the head and working downward to the feet. Station #4 Operator washes down the back portion of Deconee starting at the head and working downward to the feet. Both the Deconee and Station Operator #4 decon hands and tools in RINSE BAG #4 as required.
- STEP 19. Station #4 Operator directs Deconee to perform a glove removal procedure for inner gloves.
- STEP 20. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - PERSONNEL

AGENT: BIO | RAD
PPE: Two piece BDU (with second skin hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Undress procedure

- STEP 1. Deconee's in the area of contamination, prior to crossing the HOT LINE (HL) will remove and segregate "recoverable" and "expendable" equipment.
- STEP 2. Deconee's conduct full body (head to toe) Buddy Damp-Wash using the WASH MITTS in BLUE WASH BAGS (2 ea).
- STEP 3. When instructed by the HOT LINE DIRECTOR, the Deconee will cross the (HL) and step into SHUFFLE PIT #1.
- STEP 4. Station #1 Operator will conduct a full body rinse (head to toe) using the wash mitt in RINSE BAG #1
- STEP 5. Station #1 Operator will cut the front hood shoulder straps, and then cut up the front of the hood and around the second skin removing the hood. Discard hood and straps into PPE DROP BAG #1. Station #1 Operator decons hands and tools in RINSE BAG #1.
- STEP 6. Station #1 Operator directs Deconee to move out of the SHUFFLE PIT #1 into Station #2 area.
- STEP 7. Station #2 Operator directs Deconee to remove blouse; this can be done by the individual or assisted by Station #2 Operator. At no time will any gear be removed over the Deconee's head. If a tee shirt is worn it will be cut and removed without going over the head. Discard clothing into PPE DROP BAG #2. Both the Deconee and Station Operator #2 decon hands and tools in RINSE BAG #2 as required.
- STEP 8. Station #2 Operator directs Deconee to move into the Station #3 area.
- STEP 9. Station #3 Operator directs Deconee to remove his boots and socks; this can be done by the individual or assisted by Station #3 Operator. Discard clothing into PPE DROP BAG #3. Both the Deconee and Station Operator #3 decon hands and tools in RINSE BAG #3 as required.

- STEP 10. Station #3 Operator directs Deconee to remove his trousers. Discard clothing into PPE DROP BAG #3. Both the Deconee and Station Operator #3 decon hands and tools in RINSE BAG #3 as required.
- STEP 11. Station #3 Operator directs Deconee to move into the Station #4 area.
- STEP 12. Deconee steps into SHUFFLE PIT #2. Using WASH MITT in RINSE BAG #4 Deconee rinses down entire front portion of their body starting at the head and working downward to the feet. Station #4 Operator washes down the back portion of Deconee starting at the head and working downward to the feet. Both the Deconee and Station Operator #4 decon hands and tools in RINSE BAG #4 as required.
- STEP 13. Station #4 Operator directs Deconee to perform a glove removal procedure.
- STEP 14. Station #4 Operator directs Deconee to perform mask drop procedure into PPE DROP BAG #4. Deconee steps over the (CL) and moves into the medical redress area.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: BIO | RAD
PPE: Two piece JSLIST Type VII (with second skin hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin "HTH wash down" decon of outer PPE front and back NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the shoulder straps of the hood -- Decon hands and tools
- STEP 4. Cut up the skirt of the hood to the chin then all the way around the face blank and lay open the hood -- Decon hands and tools
- STEP 5. Cut down the front of the jacket to the torso -- Decon hands and tools
- STEP 6. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 7. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 8. Lay open the jacket and arms to the side to expose the chest -- Decon hands and tools
- STEP 9. Remove the gloves -- Decon hands and tools

- STEP 10. Cut the front of the suspenders and lay them over the shoulders – Decon hands and tools
- STEP 11. Cut down the (L) leg to the boot -- Decon hands and tools
- STEP 12. Cut down the (R) leg to the boot -- Decon hands and tools
- STEP 13. Lay pants open and expose the legs -- Decon hands and tools
- STEP 14. Cut off (L) boot -- Decon hands and tools
- STEP 15. Cut off (R) boot -- Decon hands and tools
- STEP 16. Begin "HTH rinse down" decon of front and back of casualty NOTE: Roll the patient on their side as necessary.
- STEP 17. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE.
NOTE: The person at the head will call for the lift.
- STEP 18. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: BIO | RAD
PPE: Two piece JSLIST Type II (with hood attached)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin "HTH wash down" decon of outer PPE front and back NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the hood strings at the neck -- Decon hands and tools
- STEP 4. Cut the hood starting at the temple area and working towards the back of the head and lay the hood open -- Decon hands and tools
- STEP 5. Cut down the front of the jacket to the torso -- Decon hands and tools
- STEP 6. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 7. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 8. Lay open the jacket and arms to the side to expose the chest -- Decon hands and tools
- STEP 9. Remove the gloves -- Decon hands and tools

- STEP 10. Cut the front of the suspenders and lay them over the shoulders -- Decon hands and tools
- STEP 11. Cut down the (L) leg to the boot -- Decon hands and tools
- STEP 12. Cut down the (R) leg to the boot -- Decon hands and tools
- STEP 13. Lay pants open and expose the legs -- Decon hands and tools
- STEP 14. Cut off (L) boot -- Decon hands and tools
- STEP 15. Cut off (R) boot -- Decon hands and tools
- STEP 16. Begin "HTH rinse down" decon of front and back of casualty NOTE: Roll the patient on their side as necessary.
- STEP 17. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE.
NOTE: The person at the head will call for the lift.
- STEP 18. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: BIO | RAD
PPE: One piece (with attached hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin "HTH wash down" decon of outer PPE front and back NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the hood strings at the neck -- Decon hands and tools
- STEP 4. Cut off (L) boot -- Decon hands and tools
- STEP 5. Cut off (R) boot -- Decon hands and tools
- STEP 6. Cut the hood starting at the temple area and working towards the back of the head and lay the hood open -- Decon hands and tools
- STEP 7. Cut down the torso area and continue cutting down the entire (L) leg to the end of the bootie -- Decon hands and tools
- STEP 8. Starting at the groin cut down the (R) leg to the end of the bootie

- STEP 9. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 10. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 11. Lay open the arms and legs -- Decon hands and tools
- STEP 12. Cut each of the suspenders at the waist and place over the shoulders and tuck under casualty – Decon hands and tools
- STEP 13. Remove the gloves -- Decon hands and tools
- STEP 14. Begin "HTH rinse down" decon of front and back of casualty NOTE: Roll the patient on their side as necessary.
- STEP 15. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE. NOTE: The person at the head will call for the lift.
- STEP 16. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: BIO | RAD
PPE: One piece suit with CPU undergarment (with second skin style hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin "HTH wash down" decon of outer PPE front and back NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the shoulder straps of the hood -- Decon hands and tools
- STEP 4. Cut up the skirt of the hood to the chin then all the way around the face blank and lay open the hood -- Decon hands and tools
- STEP 5. Cut off (L) boot -- Decon hands and tools
- STEP 6. Cut off (R) boot -- Decon hands and tools
- STEP 7. Cut down the torso area and continue cutting down the entire (L) leg to the end of the bootie -- Decon hands and tools
- STEP 8. Starting at the groin cut down the (R) leg to the end of the bootie

- STEP 9. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 10. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 11. Lay open the arms and legs -- Decon hands and tools
- STEP 12. Remove the gloves -- Decon hands and tools
- STEP 13. Cut down the torso of the CPU to the waist -- Decon hands and tools
- STEP 14. Cut down the (L) arm of the CPU to the wrist -- Decon hands and tools
- STEP 15. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 16. Lay open the CPU torso and arms exposing the torso – Decon hands and tools
- STEP 17. Cut down the (L) leg of the CPU to the sock -- Decon hands and tools
- STEP 18. Cut down the (R) leg of the CPU to the sock – Decon hands and tools
- STEP 19. Lay open the legs and socks of the CPU and expose the legs and feet –Decon hands and tools
- STEP 20. Begin “HTH rinse down” decon of front and back of casualty NOTE: Roll the patient on their side as necessary.
- STEP 21. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and

DECONTAMINATION PROTOCOL - NON AMBULATORY PERSONNEL

AGENT: BIO | RAD
PPE: Two piece BDU (with second skin style hood)
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Cut-out procedure

- STEP 1. Casualty arrives at "hot line area" via stretcher or by buddy carry.
- Remove all non recoverable equipment and sensitive equipment
 - Lay casualty parallel right next to the "hot line" NOTE: Medic will monitor
 - Begin "HTH wash down" decon of outer PPE front and back NOTE: Roll the patient on their side as necessary.
- STEP 2. Facing the "hot line" (4) personnel will lift the patient using the standard medical transfer techniques placing their hands and arms under the patient - one at the head, one at the torso/hips, one at the knees and one at the feet. NOTE: The person at the head will call for the lift.
- Transfer the patient onto the stretcher inside the contamination control area parallel to the "hot line".
 - Once the patient is on the stretcher, (2) station operators will pick up the stretcher and move it further into the contamination control area so that movement around the stretcher is easier. NOTE: A medic will be necessary on the decon team to monitor the patient.
- STEP 3. Cut the shoulder straps of the hood -- Decon hands and tools
- STEP 4. Cut up the skirt of the hood to the chin then all the way around the face blank and lay open the hood -- Decon hands and tools
- STEP 5. Cut down the front of the jacket to the torso -- Decon hands and tools
- STEP 6. Cut down the (L) arm to the wrist -- Decon hands and tools
- STEP 7. Cut down the (R) arm to the wrist -- Decon hands and tools
- STEP 8. Lay open the jacket and arms to the side to expose the chest -- Decon hands and tools

- STEP 9. Remove the gloves -- Decon hands and tools
- STEP 10. Cut the front of the suspenders and lay them over the shoulders -- Decon hands and tools
- STEP 11. Cut down the (L) leg to the boot -- Decon hands and tools
- STEP 12. Cut down the (R) leg to the boot -- Decon hands and tools
- STEP 13. Lay pants open and expose the legs -- Decon hands and tools
- STEP 14. Cut off (L) boot -- Decon hands and tools
- STEP 15. Cut off (R) boot -- Decon hands and tools
- STEP 16. Begin "HTH rinse down" decon of front and back of casualty NOTE: Roll the patient on their side as necessary.
- STEP 17. (4) Station operators will lift the patient using the standard medical transfer techniques - one at the head, one at the torso/hips, one at the knees and one at the feet. Ensure that the hands and arms are between the patient and the cut PPE. NOTE: The person at the head will call for the lift.
- STEP 18. Once lifted place him on the clean litter on the other side of the cold line. Medical personnel will now control the patient.

DECONTAMINATION PROTOCOL - EQUIPMENT

AGENT: BIO | RAD
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Sensitive Equipment Recovery Procedures

NOTE: The Sensitive Equipment Recovery System (SERS) is a heavy duty CBRN contamination containment bagging system which is used to recover sensitive equipment for later decontamination during a tactical decontamination event. In order to conduct this protocol a SERS system is required, and consists of the following components: SERS Bag #1 (nylon chafe bag); SERS Bag #2 (vapor containment bag); SERS Bag #3 (secondary vapor containment and transport bag); (4) one-pound bags of SDS; (4) M295 decon mitts; (8) calcium hypochlorite towels.

- STEP 1. Deconee's will place all recoverable equipment into the Sensitive Equipment Recovery (SERS) Bag #1 and close.
- STEP 2. The last two Deconee's move SERS Bag #1 across the Hot Line and place into SERS Bag #2. NOTE: Last two Deconee's are then processed through the decon line.
- STEP 3. Designated Station Operators (#1 and #2) or as many as required will partially close the waterproof zipper on SERS Bag #2. Using the compression straps, Station Operators compress SERS Bag #2 as much as possible before fully closing the zipper.
- STEP 4. Station Operators #1 and #2 will each use their wash mitts to wipe down the outside of SERS Bag #2.
- STEP 5. Station Operator #1 and #2 (as required) will move the SERS Bag #2 to the Cold Line and place SERS Bag #2 into SERS Bag #3. Station Operators will partially close down the waterproof zipper on SERS Bag #3.
- STEP 6. Station Operators #3 and #4 will use the compressions straps to compress SERS Bag #3 as much as possible before fully closing down the waterproof zipper on SERS Bag #3.
- STEP 7. Station Operators #3 and #4 will each use their wash mitts to wipe down the outside of SERS Bag #3. Station Operators #3 and #4 will then pass the SERS Bag #3 across the Cold Line.
- STEP 8. Begin Station close-out procedures as required.

DECONTAMINATION PROTOCOL - CONTAMINATION CONTROL STATION CLOSE OUT

AGENT: BIO | RAD
DECON-MEDIA: HTH | Surfactant
PROTOCOL: Station close-out

- STEP 1.
- Station #1 Operator will discard his decon pouch into PPE DROP BAG #1 and move to Station #2;
 - Station #2 Operator will perform Station #1 and Station #2 protocols.
 - Station #1 Operator will move to Station #3; Station #3 will perform Station #3 protocols.
 - Station #1 Operator will move to Station #4 and Station #4 will perform Station #4 protocols.
 - Station #1 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 2.
- Station #2 Operator will drop his decon pouch in PPE DROP BAG #1, close the drop bag and move it to the back of the Contamination Control area.
 - Station #2 Operator will then move to Station #3; Station #3 Operator will perform Station #1, Station #2 and Station #3 protocols.
 - Station #2 Operator will then move to Station #4 and Station #4 will perform Station #4 protocols;
 - Station #2 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 3.
- Station #3 Operator will discard his decon pouch in PPE DROP BAG #2, close the drop bag and move it to the back of the Contamination Control area.
 - Station #3 Operator will then move to Station #4; Station #4 Operator will perform Station #1, Station #2, Station #3 and Station #4 protocols.
 - Station #3 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 4.
- Station #4 Operator will give the Hot Line Supervisor his decon pouch.
 - Station #4 Operator will collect the "Cold Line" and place in PPE DROP BAG #3.
 - The Hot Line Supervisor will perform will perform Station #1, Station #2, Station #3 and Station #4 protocols.
 - Station #4 Operator will perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.
- STEP 5.
- Hot Line Supervisor will discard his decon pouch into PPE DROP BAG #3, close and move to the back of the Contamination Control area.
 - The Hot Line Supervisor will perform a standard PPE self undress and perform (Glove removal as required) and a mask drop procedure into PPE DROP BAG #4 and step over the (CL) and move into the medical redress area.

SPEEDS SPECIAL PURPOSE EXPEDIENT DECONTAMINATION SYSTEM

REPLACEMENT PARTS LIST

PN	NAME	DESCRIPTION
TRANSPORT ITEMS		
12401-ZD-BK	Backpack bag	PATROL PACK - ZIP DRY - BLACK
LBT-2750B-BK	Compartment bag	BLACK COMPARTMENT BAG
LBT-2750B-OG	Compartment bag	ORANGE COMPARTMENT BAG
LBT-2750B-YW	Compartment bag	YELLOW COMPARTMENT BAG
CONTAMINATION CONTROL AREA ITEMS		
LBT-2750H-RD & 612HG10B	Hot Line Marker	RED HOT LINE WITH AML612HR RED CHEM LIGHT
LBT-2750J-GR & 612HG10B	Cold Line Marker	GREEN COLD LINE WITH AML612HG, GREEN CHEM LIGHT
20 GAL POPUP	Pop-up Shuffle pit	BLACK POP-UP POOL - 20 GAL POOL
STATION OPERATOR TOOLS		
LBT-2750E-BK	Waist pouch	TOOL BELT WITH POUCH BLACK
27445	EMT scissor	TRAUMA SCISSORS -- EA.
8 BLKW	Speed knife small	SAFETY CUTTER-LONG; FB; SOFT SHEATH
QUAD-TAC-BK	Head lamp	TACTICAL QUAD HEADLAMP 4 LED WITH RED, GREEN, BLUE FILTERS
S-14431	7 mill waste dump bag	POLY BAG 8MM 48IN X 48IN
CHEMICAL DECONTAMINATION ITEMS		
864-000-0200	SDS	1 LB BAG OF SDS POWDER
36401	M295	M295 DECONTAMINATION MITT (4-PACK)
LBT-2750K-YW	M295 stuff sack	YELLOW DITTY BAG MEDIUM
BIOLOGICAL DECONTAMINATION ITEMS		
SPDS-3-002 A	Water carriers	5-GALLON BLADDER - BLACK
SPDS-3-002 B	Water carriers	5-GALLON BLADDER - BLUE
SPDS-3-001 A	Pop-up wash bucket	BLACK POP-UP WASH BUCKET SMALL BLACK
SPDS-3-001 B	Pop-up wash bucket	BLUE POP-UP WASH BUCKET SMALL BLUE TAB
B0000CFNCW-EA	Wash Mitt	DESCRIPTION CASABELLA SPONGE CLOTH
ALK-12MAN	Calcium Hyperchlorite & Alconox Surfactant	ALOKSAK BAG - CONTAINS: 4 BAGS 6OZ CALCIUM HYPOCHLORITE & 4 BAGS 3OZ SURFACTANT

TECHNICAL SOLUTIONS GROUP INTERNATIONAL®

CBRN COUNTER-MEASURE PRODUCTS



SERS - Sensitive Equipment Recovery System

The Sensitive Equipment Recovery System is a vapor-locked three bag system which provides personnel with the capability to contain, control and transport contaminated tactical operations equipment.



PADD - Personal Antidote Detection and Decontamination Kit

The PADD Personal Antidote Detection and Decontamination system is a tactical, highly portable kit which enables individual military, government, law enforcement, and tactical operational forces to safely and effectively detect, decontaminate, and administer antidotes in the event of a CBRN incident; environmental disaster; or industrial accident.



F-SAMPLER - Forensic Field Sampling Kit

The Field Sampler is the smallest and lightest tactical field CBRN sample collection kit available on the market. The F-SAMPLER provides sample collection capability for both wet and dry agents and all of the containment and packaging tools necessary for the safe handling of a CBRN sample.



The CB Simulant Kit

The CB Simulant Kit provides the ability to accurately measure an emergency response unit's effectiveness, efficiency and readiness to conduct CBRN decontamination operations. The fluorescing properties of the CB Simulant immediately identify all areas of cross contamination and integral breakdowns in the contamination control area.