

081-000-3058
Establish a Casualty Decontamination Station
Status: Approved

Security Classification: U - Unclassified

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Joint Base San Antonio, Fort Sam Houston/US Army Medical Center of Excellence (MEDCoE) foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: In an operational environment, where chemical, biological, radiological and nuclear agents are being used against the units supported by your Medical Treatment Facility (MTF). The commander has ordered that a decontamination station and protective shelter be established. You are in a safe position and you have a Medical Patient Decontamination Set, Medical Equipment Patient Holding Set, Portable Medical Shelter 18 by 25 foot, Chemical Agent Monitor, and other associated items. This task is always performed in MOPP 4.

Standards: Establish a Casualty Decontamination Station in a non-contaminated area upwind from the chemical hazard in accordance with (IAW) ATP 4-02.7 Multi-Service Tactics, Techniques and Procedures for Health Service Support in a Chemical, Biological, Radiological, and Nuclear Environment while adhering to all warnings and cautions, without error, using the task GO/NO-GO criteria.

Special Conditions: None

Safety Risk: Medium

MOPP 4: Always

Task Statements

Cue: Chemical agents are being used against the units supported by your medical treatment facility. The commander has ordered that a Casualty Decontamination Station be established.

DANGER

None

WARNING

None

CAUTION

All body fluids should be considered potentially infectious so always observe body substance isolation (BSI) precautions by wearing gloves and eye protection as a minimal standard of protection.

Remarks: This task should be performed under all environmental conditions. Four or more operational variables of political, military, economic, social, information, infrastructure, physical environment, time should be present. Some iterations of this task should be performed with degraded mission command networks, degraded conditions in the electromagnetic spectrum, and/or with degraded, denied, and disrupted space operations environment (D3SOE).

Notes: 68W, Combat Medic Specialist is the proponent for this task.

Performance Steps

Remarks: The brigade level or equivalent is the lowest level that the Detailed Troop Decontamination (DTD) operations can be effectively planned. However, decontamination support for other unique operational organizations (for example, special operations forces) may require execution at a lower level.

1. Select site for the location of the operation.

Note: Alternate sites must be selected in conjunction with selection of the primary site. If the prevailing winds change direction by more than 30 degrees, use of the primary site may no longer be possible. A wait of 10 to 15 minutes to determine if the change is permanent should precede the move. When the station is moved, it must be moved at least 75 meters upwind from any contaminated area.

- a. Identify direction of the prevailing winds.
- b. Identify downwind chemical hazard.
- c. Identify the availability of protective shelters or buildings to house clean treatment facilities
- d. Identify suitable terrain for site.
- e. Identify the availability of cover and concealment(where possible).
- f. Identify the availability of evacuation routes (contaminated and clean).
- g. Identify the location of troop decontamination lanes.

Note: Troop decontamination must not interfere with patient decontamination operations as timeliness of patient movement through decontamination once the patient is stabilized, is critical.

2. Identify Core Components of the Patient Decontamination Site (PDS).

Note: When establishing a PDS, all component areas should be considered and addressed.

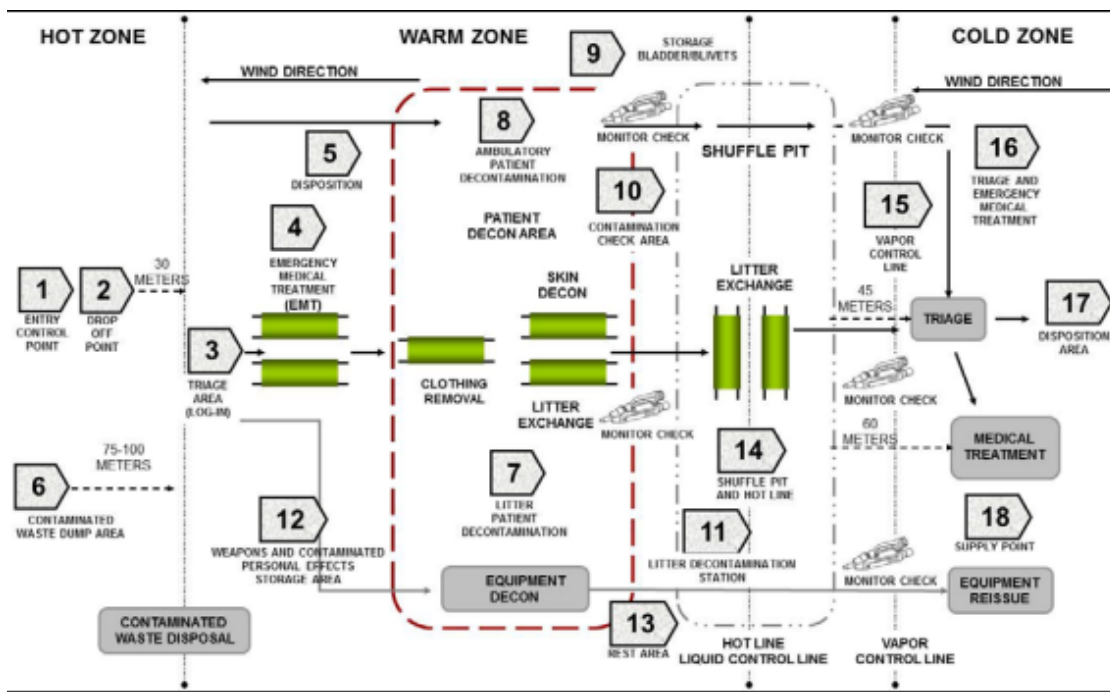


Figure 5-2. Patient decontamination site component areas

Component Areas
ATP 4-02.7

3. Designate locations of Entry Control Points and Drop Off Points.

- a. Place Entry Control Point along an access road to the drop-off point (when on land).
- b. Place the Drop Off Point where patients are off loaded from vehicles and brought to the triage area.

4. Set up Warm Zone (Dirty Side) Triage Area.

Note: The triage area is located near the drop-off point in the PDS warm zone. Patients are moved to this area from the drop-off point.

5. Set up Warm Side (Dirty Side) Emergency Treatment Area.

Note: It is suggested that this area be located between the patient triage and the entrance to the litter decontamination lanes.

6. Designate location of Warm Side Disposition (Dirty Evacuation) area.

Note: This is an area located in the vicinity of the warm side EMT area.

7. Select area for Contaminated Waste Dump.

Note: This area is located away from the decontamination area and clean areas. On land, it is at least 75 meters downwind from the drop-off point.

8. Select location of Litter Patient Decontamination Line.

Note: This is an area located between the warm side EMT and the hot line.

9. Designate location of Ambulatory Patient Decontamination Line.

Note: This area is usually located parallel to the litter patient decontamination line

10. Designate locations for Clean and Wastewater Storage Bladders.

11. Select location of Contamination Check Area.

12. Designate location of Litter Decontamination Station.

13. Designate location of Weapons and Contaminated Personal Effects Storage Area.

14. Select location for Warm (Dirty) Side Rest Area.

15. Emplace Hot Line and Shuffle Pit.

a. Set up concertina wire at hot line to separate the dirty side from clean side of the PDS.

b. Construct shuffle pit with a sand hypochlorite mixture.

16. Place Vapor Control Line.

17. Select location for Triage/Emergency Medical Treatment Area.

18. Select location for disposition area.

19. Select location for Clean Side Supply Point.

20. Designate area for temporary morgue.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score each Soldier according to the performance measures in the evaluation guide. Training instructor determines if the entire task will be trained and evaluated or parts, based on a Soldier's military occupational specialty (MOS) or assigned position and available equipment.

Evaluation Preparation: You must evaluate the Soldier on their performance of this task in an operational condition related to the actual task.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Selected site for the location of the operation.			
2. Identified Core Components of the Patient Decontamination Site (PDS).			
3. Designated locations of Entry Control Points and Drop Off Points.			
4. Set up Warm Zone (Dirty Side) Triage Area.			
5. Set up Warm Side (Dirty Side) Emergency Treatment Area.			
6. Designated location of Warm Side Disposition (Dirty Evacuation)area.			
7. Selected area for Contaminated Waste Dump.			
8. Selected location of Litter Patient Decontamination Line.			
9. Designated location of Ambulatory Patient Decontamination Line.			
10. Designated locations for Clean and Wastewater Storage Bladders.			
11. Selected location of Contamination Check Area.			
12. Designated location of Litter Decontamination Station.			
13. Designated location of Weapons and Contaminated Personal Effects Storage Area.			
14. Selected location for Warm (Dirty) Side Rest Area.			
15. Emplaced Hot Line and Shuffle Pit.			
16. Placed Vapor Control Line.			
17. Selected location for Triage/Emergency Medical Treatment Area.			
18. Selected location for disposition area.			
19. Selected location for Clean Side Supply Point.			
20. Designated area for temporary morgue.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	(DO NOT USE SUPERSEDED) STP 21-1-SMCT	SOLDIER`S MANUAL OF COMMON TASKS, WARRIOR SKILLS, LEVEL 1	Yes	No	
	ATP 3-11.32	MULTI-SERVICE TACTICS, TECHNIQUES, AND PROCEDURES FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR PASSIVE DEFENSE	Yes	No	
	ATP 3-11.36	Multi-Service Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Planning	Yes	No	
	ATP 4-02.7	MULTI-SERVICE TACTICS, TECHNIQUES, AND PROCEDURES FOR HEALTH SERVICE SUPPORT IN A CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR ENVIRONMENT	Yes	Yes	
	DD FORM 1380	TACTICAL COMBAT CASUALTY CARE (TCCC) CARD	Yes	No	

TADSS : None

Equipment Items (LIN): None

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
	4230-01-136-8891		CONTAINER,DECONTAMINATING APPART	1
	1080-00-103-1246	C89145	Camouflage Screen System: Woodland Light Weight Radar Scatterable Without Support System	1
	6545-01-176-4612	M25865	Medical Equipment Set Chemical Agents Patient Decontamination	1
	6545-01-192-1900	M29633	Medical Equipment Set Patient Holding Squad Field Lightweight	1
	6545-00-877-6995		MEDICAL EQUIPMENT SET MED FLD TRMT	1
	6530-01-508-5638	WF4063	Shelter, Medical, Portable, 18 X 25 Foot (DISCONTINUED-USE 8340-01-533-1672)	1
	4920-01-045-5886		TENTAGE,AIRMOBILE SHELTER	1
	9330-01-358-7527		Plastic Sheet	1
	6665-00-169-1446		Alarm, Chemical Agent, Automatic	1
	6850-00-063-2842		Bleach, Laundry, Organic Chlorine, 25 Pound Drum	1
	Shovels		Shovels	1
	64327		CAMSIM CHEMICAL AGENT MONITOR	1
	6665-01-199-4153	C05701	Monitor, Chemical Agent	1
	ENGINEER TAPE		TAPE ENGINEER ROLL	1
	6115-01-119-9574		Accessory Kit, Field Radio Equipment: MK-2120/G	1
	6530-01-399-0683		Netting, Back, Litter, Rigid, Tri-Glide, Replacement Part, US 2000	1
	6505-00-116-5103		Water, Purified, USP, 3L Bag with Triple Port Opening	1
	8105-00-060-8961		Bag, Plastic, 30 X 72 Inch, Clear 100S	1
	6530-01-066-0452		Litter, Rigid, Stokes, Steel Frame, Wood Slats, 84-3/4 X 23-1/2 X 7-1/4 Inch	1
	6530-01-504-9060		Stand, Litter, Low Profile (DISCONTINUED WITHOUT REPLACEMENT)	1
	6545-01-537-5019	M25865	Medical Equipment Set Chemical Agents Patient Decontamination - 2006	1

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card.

Safety: In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW current CBRN doctrine.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
081-UE-FMC-5100	Identify CBRNE Decontamination Procedures
031-K-627-024	Knowledge of basic decontamination procedures
K0125	Know how to plan for NBC detection, warning, avoidance and decontamination
K25964	Know how to set up a mass casualty decontamination site

Skills :

Skill ID	Skill Name
S4505	Be able to coordinate for decontamination, if needed after crossing contamination area
S4661	Be able to perform casualty decontamination, within capabilities, at the incident site
S4503	Be able to control the decontamination site

ICTL Data : None