

Training and Evaluation Outline Report

Status: Approved

19 Mar 2012

Effective Date: 13 Oct 2016

Task Number: 05-CO-7502

Task Title: React to a Hazardous Spill

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 MSCoE Fort Leonard Wood, MO foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 38-410	STORAGE AND HANDLING OF HAZARDOUS MATERIALS {DLAM 4145.11; NAVSUP PUB 573; AFR 69-9; MCO 4450-12}	Yes	Yes
1.	ATP 3-34.5	Environmental Considerations	No	No

Conditions: The unit is at an installation training area during daylight hours. A minor vehicle accident during a vehicle convoy caused a spill of approximately 10 gallons of diesel fuel on the asphalt road and 10 gallons of fuel on the shoulder (dirt) of the road. No one was injured in the accident.

Note: The Commander must still determine at what level of training they would want the element to perform. Crawl, walk or run. This can only be determined after consideration as to the units training level.

The Commander prior to evaluating an element in the conduct of the task must determine if it will be conducted in a Live, Virtual, or Constructive environment, additionally it must also be determined which condition as described below that the element will conduct the task. The selection made for this task is at a trained level of proficiency. The commander must determine which of the environments below will best suit the unit and the proficiency level at which the unit is. When conducting crawl or walk level training units should not increase the intensity until the unit has achieved the standards and then unit trainers should include variables that increase proficiency in all conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "fully trained" (T) rating.

Note: Condition terms definitions:

Dynamic Operational Environment: Three or more operational and two or more mission variables change during the execution of the assessed task. Operational variables and threat Tactics, Techniques, and Procedures (TTPs) for assigned counter-tasks change in response to the execution of Blue Forces (BLUFOR) tasks.

Complex Operational Environment: Changes to four or more operational variables impact the chosen friendly COA/mission. Brigade and higher units require all eight operational variables of Political, Military, Economic, Social, Infrastructure, Information, Physical environment, and Time (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single threat: Regular, irregular, criminal or terrorist forces are present.

Hybrid threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually benefiting effects. Standard MOPP 4 conditions do not exist for this task. See the MOPP 4 statement for specific conditions.

Standards: Take the correct spill response steps to clean up the spill in compliance with installation training area regulations while protecting Soldiers in the process.

Note: Leaders are defined as the Commander, Executive Officer, First Sergeant, Operations Sergeant, Platoon Leaders, Platoon Sergeants, Squad Leaders, and Team Leaders.

Live Fire Required: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute					Assess		
Operational Environment	Training Environment (LV/C)	Training/Authorized	% of Leaders Present at	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
CO & BN									
Dynamic and Complex (4+ OE Variables and Hybrid Threat)	IAW unit CATS statement.		>=85%	>=80%	Yes	>=91%	All	>=90%	T
			75-84%			80-90%		80-89%	T-
Dynamic (Single Threat)			65-74%	75-79%	65-79%	<All	<=79%	P	
			60-64%	60-74%	51-64%			P-	
Static (Single Threat)			<=59%	<=59%	<=50%			U	

Remarks: None

Notes: None

Safety Risk: Medium

Task Statements

Cue: Either in a training environment practicing a spill response drill or reacting to an actual spill situation.

DANGER

Failure to complete this collective task correctly can result in injuries to Soldiers and environmental contamination.

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Soldiers require proper supervision when conducting a spill cleanup. The spill team leader (NCOIC) must ensure the Soldiers have the proper PPE, cleanup the spilled material thoroughly, and dispose of it properly.

Risk management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

Danger block

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

Caution Block

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.

MOPP 4: N/A

MOPP 4 Statement: If there is a CBRN environment, the spill can wait until it is safe to clean it up.

NVG: Never

NVG Statement: Spill cleanup should be done during daylight hours.

Prerequisite Collective Task(s): None

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-CO-5100	Conduct Troop Leading Procedures for Companies	71 - Combined Arms (Collective)	Approved

OPFOR Task(s):

Task Number	Title	Status
71-CO-8502	OPFOR Execute an Ambush	Approved
71-CO-8504	OPFOR Execute a Reconnaissance Attack	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	052-250-9103	Develop the Environmental Appendix to the Engineer Annex	052 - Engineer (Individual)	Approved
	052-717-9101	Evaluate The Impact Of Army Operations On The Environment	052 - Engineer (Individual)	Approved
	158-100-4003	Communicate Effectively at the Direct Leadership Level	158 - Army Leadership (Individual)	Approved
	158-100-7015	Develop an Effective Team	158 - Army Leadership (Individual)	Approved
	158-100-8006	Solve Problems Using the Military Problem Solving Process	158 - Army Leadership (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 4.1.7.1.3	Provide Waste Management

TADSS

TADSS ID	Title	Product Type	Quantity
GTA 05-08-017	The Environment and Deployment: Tactical Risk and Spill Reaction Procedures	GTA	1
GTA 05-08-014	the Environment and Predeployment: Unit Predeployment and Load Plan Considerations	GTA	1

Equipment (LIN)

LIN	Nomenclature	Qty
CA5035	Spill Kit	1

Materiel Items (NSN)

NSN	LIN	Title	Qty
8415-00-266-8673		Gloves, Rubber, Industrial, Size 12	1
8110-00-292-9783		Drum, Shipping and Storage, 55 Gallon Capacity 2S	1
4240-01-292-2818		Goggles, Industrial	1
8415-00-222-8074		Apron, Plastic, Disposable, White Polyethylene, Bib Style, Waist and Neck Ties	
8415-00-281-7816	A87412	Apron Toxicological Agents Protective: Cotton Cloth Rubber Coated: Large	
4235-01-432-7912		Spill Clean-Up Kit, Hazardous Material	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. Practicing a spill drill can be accomplished without impacting the environment.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. 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 FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Soldiers need to have access to the correct Personal Protective Equipment (PPE) and contents of a spill kit to effectively react to a spill. Spill response need not be done right away in a combat environment, but when it is a safe time to respond. If the spill is on a busy road/highway, all possible safety precautions need to be considered.