

101-FR8-9005
Plan Petroleum Pipeline Operations
Status: Approved

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 Fort Lee, VA foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Condition: You are a Petroleum and Water Officer responsible for planning petroleum pipeline/hoseline operations. You have access to higher headquarters (HQ) operation plan (OPLAN) and/or operation order (OPORD), unit standing operating procedure (SOP), calculator, status reports, maps, and overlays, and applicable references to include ATP 4-43. Operational environment (OE) variables and actors such as infrastructure, physical environment, and time, must be considered. Threat capabilities cover a full spectrum including information gathering, hostile force sympathizers, and terrorist activities. This task should not be trained in MOPP 4.

Standard: Plan petroleum pipeline/hoseline operations based on terrain profiles and pump station abilities. The plan must support the operations as stated in the higher HQ OPLAN/OPORD.

Special Condition: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Review higher HQ OPLAN/OPORD to determine petroleum requirements, the type of operation and area of operations.
2. Determine route selection requirements and considerations.
 - a. Consider construction equipment access, terrain, obstacles, and camouflage.
 - b. Consider direction of combat troop movement.
 - c. Consider location of Class III supply facilities.
 - d. Consider location of air fields.
3. Conduct a topographical map survey of the terrain.
4. Conduct a physical reconnaissance if possible.
5. Identify when and where specific products are to be needed.
6. Determine appropriate locations for petroleum supply points.
7. Design the pipeline/hoseline based on terrain profiles and pump station abilities.
8. Coordinate with Support Engineers to construct and layout area for pipeline/hoseline operations.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the soldier GO if all steps are passed. Score the soldier NO GO if any steps are failed. If the soldier scores a NO GO, show what was done wrong and how to do it correctly.

Evaluation Preparation: At the test site provide all materials that are relevant to the task to include those mentioned in the condition statement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Determined petroleum requirements, the type of operation and area of operations.			
2. Determined route selection requirements and considerations.			
3. Conducted a topographical map survey of the terrain.			
4. Conducted a physical reconnaissance, if possible.			
5. Identified when and where specific products were needed.			
6. Determined appropriate locations for petroleum supply points/pump stations.			
7. Designed the pipeline/hoseline based on terrain profiles and pump station abilities.			
8. Coordinated with Support Engineers to construct and layout area for pipeline/hoseline operations.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 4-43	Petroleum Supply Operations	No	No

TADSS : None

Equipment Items (LIN):

LIN	Name
91772N	Calculator Electronic Programmable, Ptbl wAccess

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

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 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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

ICTL Data :

ICTL Title	Personnel Type	MOS Data
Petroleum and Water Officer ICTL (CMDT Appr 6 Mar 2014)	Officer	AOC: 90A, Rank: CPT, SI: R8, LIC: YY