

101-92F-5208
Assess 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.

Conditions: In an operational environment (OE) given the requirement to assess petroleum pipeline operations. Personnel and materials required to perform task: two military occupational specialty (MOS)-qualified (92F) Soldiers; petroleum pipeline and the unit operating it, operational data/records, risk management procedures, unit standing operating procedure (SOP), DA Form 2077 (Petroleum Product Laboratory Analysis Report), DA Form 5464-R (Petroleum Products Pipeline Leakage Report), Petroleum Products - Pump Station Operations Log, and full access to all reference materials. Some iterations of this task should be performed in MOPP 4.

Standards: Conduct an assessment of petroleum pipeline operations, submitting a written report in accordance with unit policies which identifies any shortcomings and recommends corrective actions.

Special Conditions: None

Safety Risk: Medium

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER Failure to perform this task correctly may result in damage to equipment or injury or death to personnel.

WARNING None

CAUTION None

Remarks: None

Notes: None

Performance Steps

1. Perform risk assessment measures according to health/safety task 101-92F-1160.
2. Verify applicable Safety Data Sheets (SDS) are maintained.
3. Check that appropriate personal protective equipment is worn.
4. Schedule an assessment for a pipeline operation in accordance with unit SOP.
5. Assess the following areas for the unit operating the pipeline as a minimum, as well as any other areas of interest established by the local commander.
Verify that the unit-
 - a. Publishes and adheres to SOPs addressing operations, area defense quality surveillance, pilferage control, fire and safety, and environmental considerations.
 - b. Sets up work schedules based on the daily pumping order.
 - c. Reviews DA Form 2077 to make decisions on the use or disposition of products.
 - d. Establishes environmental stewardship programs with a particular emphasis on spill prevention, control, and cleanup.
 - e. Schedules fire protection training.
 - f. Prepares monthly and annual reports as required by the unit SOP.
 - g. Maintains multiple communication links between pumping stations.
 - h. Submits DA Form 285 (Technical Report of U.S. Army Ground Accident) when accidents occur.
 - i. Maintains the following records of pump station operations:
 - (1) DA Form 5464-R.
 - (2) Petroleum Products - Pump Station Operations Log.
 - j. Publishes and adheres to maintenance schedules for the pipeline and other assigned equipment.
 - k. Establishes troop quarters no closer than 100 feet to pipeline, but no farther than 200 feet.
6. Prepare a written report of the assessment in accordance with unit policies that identifies any shortcomings and recommends corrective actions.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier scores NO-GO, show the Soldier what was done wrong and how to do it correctly.

Evaluation Preparation: See Task Conditions and Standards.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed risk assessment measures according to health/safety task 101-92F-1160.			
2. Verified applicable Material Safety Data Sheets (MSDS) are maintained.			
3. Checked that appropriate personal protective equipment is worn.			
4. Scheduled an evaluation for a pipeline operation in accordance with unit SOP.			
5. Evaluated the following areas for the unit operating the pipeline as a minimum, as well as any other areas of interest established by the local commander.			
6. Prepared a written report of the evaluation in accordance with unit policies that identifies any shortcomings and recommends corrective actions.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 3-34.5	Environmental Considerations	No	No
	ATP 4-43	Petroleum Supply Operations	No	No
	ATP 5-19 (Change 001 09/08/2014 78 Pages)	RISK MANAGEMENT	No	No
	DA FORM 2077	PETROLEUM PRODUCTS LABORATORY ANALYSIS REPORT	Yes	No
	DA FORM 5464-R	PETROLEUM PRODUCTS PIPELINE LEAKAGE REPORT (LRA)	Yes	No
	TM 5-3835-220-13&P	OPERATOR, UNIT, AND INTERMEDIATE DIRECT SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR TACTICAL PETROLEUM TERMINAL MODEL WBEI-10002 (NSN 3835-01-182-1976)	No	No

TADSS : None

Equipment Items (LIN): None

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. Ensure spills are cleaned up, reported as required by unit policies, procedures, and applicable environmental laws.

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. Apply risk management programs, Verify that applicable Material Safety Data Sheets (MSDS) are maintained, Check the appropriate personal protective equipment (PPE) is being worn and maintained.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
101-92F-5207	Assess Accountability and Quality Surveillance	101 - Quartermaster (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
101-K-P10008	Knowledge of Material Safety Data Sheets (MSDS)
101-K-P50000	Know how to assess Risk Management procedures and control measures
101-K-P10015	Know how to communicate orally and in writing

Skills :

Skill ID	Skill Name
101-S-M004	Ability to communicate orally and in writing.

101-S-P40010	Ability to verify MSDS are maintained at appropriate level
101-S-P50000	Ability to assess Risk Management procedures and control measures

ICTL Data :

ICTL Title	Personnel Type	MOS Data
92F Petroleum Supply Specialist SL50	Enlisted	MOS: 92F, Skill Level: SL5, Duty Pos: QFH