

101-23A-0008
Establish Proper Quality Surveillance and Quality Assurance for Bulk Petroleum
Status: Approved

Security Classification: U - Unclassified

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

Destruction Notice: None

Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the Fort Lee, VA foreign disclosure officer. This training product cannot be used to instruct international military students.

Conditions: As a 923A-Petroleum Systems Technician at the company level, in a Contemporary operational environment, given the responsibility to Establish Proper Quality Surveillance and Quality Assurance for Bulk Petroleum Operations. With access to operational order (OPORD), unit standing operating procedure (SOP) references, status reports, maps, overlays, computer/laptop with OPLOG Planner program, quick logistics estimated tool (QLET) and approved current digitized automated support systems. Some iterations of this task should be performed in MOPP 4.

Standards: Establish Proper Quality Surveillance and Quality Assurance for Bulk Petroleum to include Evaluate Accountability Requirements, Evaluate Characteristics of Petroleum Products, Evaluate Petroleum Laboratory Operations, Develop Quality Surveillance Program, Evaluate Petroleum Products, Evaluate Standard Test Methods for Flash Point and Evaluated HAMMOND INJECTOR IAW TM 4-43.31, performance steps, with an 100% accuracy, no errors,utilizing a Go, No\Go criteria.

Special Conditions: Some iterations are performed in CRBN-E environment.

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Evaluate Accountability Requirements
2. Evaluate Characteristics of petroleum Products
3. Evaluate Petroleum Laboratory Operations
4. Develop Quality Surveillance Program
5. Evaluate Petroleum Products
6. Evaluate Standard Test Methods for Flash Point
7. Evaluate HAMMONDS INJECTOR

(Asterisks indicates a leader performance step.)

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

Evaluation Preparation: Provide all materials mentioned in the condition statement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Evaluated Accountability Requirements			
2. Evaluated Characteristics of Petroleum Products			
3. Evaluated Petroleum Laboratory Operations			
4. Developed Quality Surveillance Program			
5. Evaluated Petroleum Products			
6. Evaluated Standard Test Methods for Flash Point			
7. Evaluated HAMMOND INJECTOR			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	AR 710-2	SUPPLY POLICY BELOW THE NATIONAL LEVEL	Yes	No	
	ATP 4-43	Petroleum Supply Operations	Yes	No	
	DOD 4140.25-M	DOD Management of Bulk Petroleum Products, Natural Gas and Coal Volumes I - IV	Yes	No	
	JP 4-0	Joint Logistics	Yes	No	
	MIL-STD-3004D	(SUPERSEDED) Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products	Yes	No	
	TM 4-43.31 (Revision, March 25, 2015)	Petroleum Laboratory Testing and Operations	Yes	Yes	

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.

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
551-K-0075	How to gauge fuel level on a tank semitrailer
101-K-P10004	Know how to prepare petroleum accountability forms (DA Form 3643, 2765-1 and DD Form 1898)
K23392	Know how to prepare petroleum monthly accounting summary for each type or grade of bulk fuel on hand

Skills :

Skill ID	Skill Name
S-101-E-0098	Ability to inspect, gauge, and sample vessel tanks
S-551-U-0007	Ability to perform mathematical calculations
S-551-E-0012	Ability to gauge fuel level on a tank semitrailer
S1677	Ability to gauge petroleum collapsible storage tanks
S1675	Ability to gauge petroleum fixed facility storage tanks

ICTL Data :

ICTL Title	Personnel Type	MOS Data
923A Petroleum Systems Technician WOBC	Warrant Officer	MOS: 923A, Skill Level: CW2, Duty Pos: QKS