**Report Date:** 04 Mar 2021

**101-23A-0007**
**Establish Petroleum Quality Assurance System-Enhanced (PQAS-E) Certification Accountability**
**Status: Approved**

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**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:** You are assigned as a Petroleum Systems Technician, at the company level, in a Contemporary operational environment. Given the responsibility to Established Petroleum Quality Assurance System-Enhanced (PQAS-E) Certification Accountability. With access to applicable regulations, mission orders, tactical standard operating procedures, required automation, personnel and tactical petroleum equipment. Some iterations of this task should be performed in MOPP 4.

**Standards:** Established Petroleum Quality Assurance System-Enhanced (PQAS-E) Certification Accountability to include Evaluate History of Laboratory Safety, Determine Quality Surveillance, Develop Quality Surveillance Program, Analyze measurement of Fuel System Icing Inhibitors (FSII) in Aviation Fuels, Analyze Petroleum Quality Surveillance Overview, Facilitate Petroleum Quality Analysis Enhanced (PQSA-E) Laboratory Certification IAW TM 4-43-31, performance steps, with 100% accuracy or without error, while utilizing the GO & NO-GO criteria.

**Special Conditions:** None

**Safety Risk:** Low

**MOPP 4:** Sometimes

**Task Statements**

**Cue:** None

## DANGER

None

## WARNING

None

## CAUTION

None

**Remarks:** None

**Notes:** None

## Performance Steps

1. Evaluate History of Laboratory Safety

2. Determine Quality Surveillance

3. Develop Quality Surveillance Program

4. Analyze measurement of Fuel System Icing Inhibitors (FSII) in Aviation Fuels

5. Analyze Petroleum Quality Surveillance Overview

6. Facilitate Petroleum Quality Assurance System- Enhanced (PQAS-E)Laboratory Certification

(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 at the testing site

| PERFORMANCE MEASURES | GO | NO-GO | N/A |
|---|---|---|---|
| 1. Evaluated History Laboratory Safety | | | |
| 2. Determined Quality Surveillance | | | |
| 3. Developed Quality Surveillance Program | | | |
| 4. Analyzed measurement of Fuel System Icing Inhibitors (FSII) in Aviation Fuels | | | |
| 5. Analyzed Petroleum Quality Surveillance Overview | | | |
| 6. Facilitated Petroleum Quality Assurance System –Enhanced (PQAS-E)Laboratory Certification | | | |

### Supporting Reference(s):

| Step Number | Reference ID | Reference Name | Required | Primary | Source Information |
|---|---|---|---|---|---|
| | AR 710-2 | SUPPLY POLICY BELOW THE NATIONAL LEVEL | Yes | No | |
| | JP 4-03 | Joint Bulk Petroleum and Water Doctrine | Yes | No | |
| | TM 4-43.31 (Revision, March 25, 2015) | Petroleum Laboratory Testing and Operations | Yes | Yes | |

**TADSS :** None

### Equipment Items (LIN):

| LIN | Name |
|---|---|
| 70209N | Computer, Personal Workstation |
| 70223N | Monitor, Color IMPE |
| FJ250A | Printer |

### 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 |
|---|---|
| K28808 | Know the functions of the PQAS-E |
| K28809 | Know how to describe the PQAS-E |
| K505 | Know the function of the PQAS-E |
| K23337 | Know how to develp a SOP and local policy requirements for inventory of product, accounting, quality surveillance, and pilferage control procedures |
| K22394 | Know how to supervise personnel in performing quality surveillance of petroleum products |
| K28821 | Know how to attach Bootwall to the PQAS-E shelter |
| 101-K-P40016 | Know how to inspect areas for compliance with the unit's quality surveillance program |

**Skills :**

| Skill ID | Skill Name |
|---|---|
| 101-S-P10055 | Ability to perform aviation quality surveillance tests |
| S6545 | Ability to describe the PQAS-E |
| S2555 | Ability to supervise quality surveillance of petroleum products |
| S6547 | Ability to attach the bootwall to the PQAS-E |
| S2554 | Ability to supervise quality surveillance procedures when examining for color, clarity, and contamination |
| S6559 | Ability to attach Bootwall to the PQAS-E shelter |
| 101-S-P40020 | Ability to inspect areas for compliance with unit's quality surveillance program |
| S6546 | Ability to explain the overall concept of the PQAS-E as a quality surveillance tool |
| S1111 | Ability to direct quality surveillance of petroleum products |

**ICTL Data :**

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