SUPPLEMENTAL QUALITY ASSURANCE PROVISION (SQAP)

Prescribed by: eSOP
4155.05-001
Sponsor: J3

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	ENERGY QAP C16.09	01/16/2025	

C16.09 TURBINE FUEL, AVIATION (JET A1) (DLA ENERGY JAN 2025)

See below for Details.

SUPPLEMENTAL QUALITY ASSURANCE PROVISION (SQAP)

DEFENSE LOGISTICS AGENCY, ENERGY
8725 JOHN J. KINGMAN RD
FORT BELVOIR, VIRGINIA 22060-6222

DISTRIBUTION STATEMENT - A

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DISTRIBUTION IS "UNLIMITED"

PREPARED BY	DATE	ITEM		
MACLANE.SKYLLAR.BRYANNA.1252141827 Digitally signed by MACLANE.SKYLLAR.BRYANNA.1252141827 Date: 2025.01.16 14:18:25 -05'00'	1/16/2025	ENERGY QAP C16.09		
REVIEWED BY	DATE	NSN		CODE ID NO.
CATLIN.JOSHUA.D.1276289540 Digitally signed by CATLIN.JOSHUA.D.1276289540 Date: 2025.01.23 09:31:39 -05'00'	1/23/2025	9130-00-753-5026		52838
APPROVED BY	DATE	SIZE	SCALE	DRAWING NUMBER
BANISZEWSKI.DANIEL.J.1287388698 Digitally signed by BANISZEWSKI.DANIEL.J.1287388698 Date: 2025.01.23 14:08:16 -07'00'	01/23/2025	A	1:1	

C16.09 TURBINE FUEL, AVIATION (JET Al) (DLA ENERGY JAN 2025)

NATIONAL STOCK NUMBER	PRODUCT NOMENCLATURE	PRODUCT CODE
9130-00-753-5026	Turbine Fuel, Aviation, Jet A1	JAl

Supplies delivered under this contract shall conform to all Federal, State, and local environmental requirements applicable to the geographic location of the receiving activity on the date of delivery. This includes delivery of fuel and documentation in a manner consistent with any existing or after-imposed Title V (Clean Air Act) Permits. The list of such requirements contained in this contract is not intended to be a complete list, and the Contractor shall be responsible for determining the existence of all such requirements. Selected regional environmental requirements are highlighted in the SPECIFICATIONS (CONT'D) clause. In the event that a Federal, State, or local environmental requirement is more stringent than a fuel specification contained in this contract, the Contractor shall deliver product that complies with the more stringent fuel specification. Product that fails to meet the more stringent fuel specification will be considered to be a nonconforming supply. Product(s) to be supplied shall fully meet the requirements of the applicable specification(s) as cited above. In the event that compliance with the more stringent fuel specification causes the contractor to incur additional costs, the contractor may request an equitable adjustment.

(a) PRODUCT REQUIREMENTS. Product shall conform to the latest version of ASTM Dl655: Standard Specification for Aviation Turbine Fuels with the following modifications. For European, Middle Eastern, and Asian Locations Only: product shall conform to the latest revision of Defence Standard 91-091.

(b) SPECIFICATION MODIFICATIONS.

(1) Microseparometer (MSEP).

(i) The following MSEP ratings apply in the presence of the additives listed below. Values apply at point of manufacture:

Jet A1 Additive	MSEP Rating, min.
Fuel System Icing Inhibitor (FSII)	85
Corrosion Inhibitor/Lubricity Improver (CI/LI)	80
Fuel System Icing Inhibitor (FSII) and Corrosion Inhibitor/Lubricity Improver (CI/LI)	70

(A) MSEP shall be performed on unadditized Jet A that has a custody transfer point on the distribution system using, D7224 or D8073. If either method is not available testing may be conducted with D3948. Passing results (min 85) for D3948 will be considered acceptable. Test failures using D3948 shall be retested using D7224 or D8073. If fuel passes D7224 with a minimum limit of 85 or D8073 with a limit of 88, the fuel is acceptable with no further action.

(c) ADDITIVES: Additives shall not be premixed with other additives before injection into the fuel.

(1) FUEL SYSTEM ICING INHIBITOR (FSII). When FSII is required by contract line item-

(i) The fuel shall contain 0.07 to 0.10 percent by volume FSII.

(ii) FSII shall be added to the fuel and shall be Diethylene Glycol Monomethyl Ether (DIEGME) conforming to the latest version of ASTM D4171, Standard Specification for FSIIs, Type III or MIL-DTL-85470C, dated March 5, 2024, Inhibitor, Icing, Fuel System, High Flash, NATO Code Number S-1745.

(iii) When using the 20-ounce aerosol can to introduce FSII during over the wing refueling, determine the fuel quantity and calculate the amount of required additive. This additive shall be added gradually during filling to permit proper blending in the fuel. One can of aerosol additive will inhibit 180 gallons of fuel to 0.087 percent by volume. The use of aerosol FSII is not permitted for U.S. Navy aircraft refueling.

(2) CORROSION INHIBITOR/LUBRICITY IMPROVER (CI/LI). When CI/LI is required by contract line item the additive shall conform to the latest revision of MIL-PRF-25017H with amendment 1 dated August 4,2011, revalidated May 25, 2021, and be listed in Qualified Products List (QPL)-25017. In order to obtain dosage data for QPL-25017 additives, access the Qualified Products Database (QPD)at https://qpldocs.dla.mil/. Do a search for QPL number 25017, and click the MIL-PRF-25017 Category 1 link. The dosage information is located in the "source notes" for each qualified additive as minimum effective and maximum allowable concentrations in grams per cubic meter (g/m3).

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(3) STATIC DISSIPATER ADDITIVE (SDA). When required by contract line item, SDA shall be added to the fuel and the conductivity limits of 50-600 picosiemens per meter (pS/m) at ambient temperature or 29.4˚C (85˚F), whichever is lower, unless otherwise directed by the procuring activity.

(4) METAL DEACTIVATOR ADDITIVE (MDA). MDA shall not be used unless the supplier has obtained written consent from the procuring activity and user.

(i) Product shall be homogeneously mixed. Until all aviation turbine fuel tanks are coated, it is acceptable to perform stratification test in lieu of circulating tanks to homogeneity.

(d) SYNTHETIC BLEND COMPONENT (SBC) and CO-HYDROPROCESSED SYNTHESIZED KEROSENE

(1) If a fuel containing an SBC or a co-hydroprocessed synthesized kerosene is being offered, notification shall be made to the contracting point of contact with submission of relevant details regarding the blend percentage and which Annex of ASTM D7566 for the synthetic blend component used, and which feedstocks and co-processing percentage for co-hydroprocessed synthesized kerosene. Only synthetic blend components approved in ASTM D7566, MIL-DTL-83133, and MIL-DTL-5624 and co-hydroprocessed synthesized kerosene produced from approved feedstock and percentage in ASTM D1655, MIL-DTL-83133, and MIL-DTL-5624 shall be acceptable to the government

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SUPPLEMENTAL QUALITY ASSURANCE PROVISION (SQAP)	Prescribed by: eSOP 4155.05-001 Sponsor: J3

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
9	ENERGY QAP C16.18-2	12/15/2025	

C16.18-2 FUEL OIL, DIESEL (OCONUS) (PC&S and Bulk) (DLA ENERGY DEC 2025)

National Stock Number:	Product Nomenclature:	DLA Energy Product Code:
9140-00-286-5294	Diesel Fuel	DF2

(a) PRODUCT REQUIREMENTS. Diesel fuel shall conform to the latest revisions of the commercial/local specification(s) as listed below.

Country	Specification
CANADA	CAN/CGSB-3.517
COSTA RICA, EL SALVADOR, GUATEMALA NICARAGUA, & HONDURAS	RTCA 75.02.17
AUSTRALIA	Fuel Standard (Automotive Diesel) Determination
PHILIPPINES	PNS/DOE QS 004
EGYPT	Egyptian Standard 16
MIDDLE EAST	BS EN 590
ALL OTHER LOCATIONS	ASTM D975

(b) SEASONAL REQUIREMENTS

(1) The offeror shall assume that the diesel to be provided will be winter grade diesel for the entirety of the performance period. For those locations which have the capabilities to order and store both winter grade diesel and summer grade diesel or are not worried about the carryover of one into the other, the schedule and specific line items will state the requirement for both. Those specifications listed above, that have multiple classes or zones for cold weather and/or temperate climates, the maximum/minimum cold flow parameters will be listed in the schedule and specific line items as well.

(c) SPECIFICATION MODIFICATIONS

(1) PROPERTIES –

(i) In accordance with applicable specification, product shall be visually free of undissolved water, sediment, and suspended matter.

(2) TESTING

(i) Total particulate contamination level as measured by ASTM D6217, the latest revision, shall not exceed 10 mg/L.

SUPPLEMENTAL QUALITY ASSURANCE PROVISION (SQAP)			DEFENSE LOGISTICS AGENCY, ENERGY 8725 JOHN J. KINGMAN RD FORT BELVOIR, VIRGINIA 22060-6222		
DISTRIBUTION STATEMENT - A	PREPARED BY CABALLERO.JONATHAN.B.1640366946 Digitally signed by CABALLERO.JONATHAN.B.1640366946 Date: 2025.12.16 09:32:18 -05'00'	DATE 12/16/2025	ITEM FUEL OIL, DIESEL (OCONUS) (PC&S and Bulk)		
APPROVED FOR PUBLIC RELEASE	REVIEWED BY KARRAS.JASON.EARLE.1129188177 Digitally signed by KARRAS.JASON.EARLE.1129188177 Date: 2025.12.16 10:04:38 -05'00'	DATE 12/16/2025	NSN 9140-00-286-5294		CODE ID NO. 52838
DISTRIBUTION IS "UNLIMITED"	APPROVED BY BANISZEWSKI.DANIEL.J.1287388698 Digitally signed by BANISZEWSKI.DANIEL.J.1287388698 Date: 2025.12.17 12:19:47 -07'00'	DATE 12/17/2025	SIZE A	SCALE 1:1	DRAWING NUMBER

(3) LOCATION SPECIFIC REQUIREMENTS:

(i) Diesel fuel delivered to all locations in Afghanistan shall meet the Grade E, -15°C maximum cold filter plugging point, as detailed in EN 590 Section 5.6.1, Table 2 – Climate Related Requirements and Test Methods – Temperate Climates.

(ii) For Caribbean PC&S purchase program locations only, diesel fuel shall have a minimum flash point of 60°C (140°F).

(d) ADDITIVES

(1) A fuel stabilizer additive/biocide conforming to MIL-S-53021A, dated 08 Sep 2008 may be blended into the fuel to improve the suitability of fuels for intermediate (6 to18 months) and long-term (18 to 25 months) storage by preventing fuel deterioration and microbiological growth. Additive concentrations are listed in the latest revision of QPL-53021 found in the Qualified Product Database (QPD) of the Acquisition Streamlining and Standardization Information System (ASSIST) at http://quicksearch.dla.mil/. Basic instructions on how to use ASSIST:

(i) Go to http://quicksearch.dla.mil/.

(ii) Type in the numeric portion of the specification or Qualified Product List (QPL) and click on the Search button.

(iii) Look through the search results to find the desired document and click on the Document ID.

(A) For specifications: click on the .pdf link under Media.

(B) For QPL information: click on the View Qualified Product Database (QPD) data link to open the QPD

(1) Click on the link in the “Govt Designation” Column to view qualified products

(2) To view qualified source plants, click on the Source Plants link under the Related Links column

(2) CORROSION INHIBITOR/LUBRICITY IMPROVER (CI/LI). When required by contract line item-

(i) The additive must conform to MIL-PRF-25017H with Amendment 1, dated August 4, 2011, revalidated May 25, 2021, Inhibitor, Corrosion/Lubricity Improver, Fuel Soluble (NATO S-1747), found in ASSIST and shall be listed in the electronic Qualified Products List (QPL)-25017, located in the Qualified Products Database (QPD) found at http://quicksearch.dla.mil/.

(ii) The concentration of CI/LI added to the fuel must be between the minimum effective concentration and the maximum allowable concentration as listed for the CI/LI in QPL-25017.

(e) OTHER REQUIREMENTS:

FOR ALL LOCATIONS: Written exception(s) or deviation(s) must be submitted to DLA Energy contracting officer if the Contractor is unable to meet any of the characteristic requirements of the above and/or the corresponding, specification(s). Exception(s) and/or deviation(s) must state the reason why the contractor is unable to meet specification requirements, if this will be for the entirety of the performance period, if it is source specific, the Contractors course of action on how they plan on resolving this issue, and any proposed changes to the specification requirement limit(s) will be for that product.

DEFENSE LOGISTICS AGENCY ENERGY
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C16.69-1 GASOLINE AUTOMOTIVE, UNLEADED, REGULAR (PC&S) (DLA ENERGY JUN 2017)

NATIONAL STOCK NUMBER	PRODUCT NOMENCLATURE	DLA ENERGY PRODUCT CODE
9130-00-148-7103	Gasoline, Regular Unleaded	MUR

Supplies delivered under this contract shall conform to all Federal, State, and local environmental requirements applicable to the geographic location of the receiving activity on the date of delivery. This includes delivery of fuel and documentation in a manner consistent with existing or future Title V (Clean Air Act) Permits. In the event that a Federal, State, or local environmental requirement is more stringent than a similar requirement in a fuel specification contained in this contract, the Contractor shall deliver product that complies with the more stringent requirement. Product that fails to meet the more stringent environmental requirement will be considered to be a nonconforming supply. All supplies furnished under this contract shall fully meet the requirements of the applicable specification(s) as cited below. In the event that compliance with the more stringent requirement causes the contractor to incur additional costs, the contractor may request an equitable adjustment.

NOTE: Gasoline Reid Vapor Pressure (RVP) specification requirements are seasonal and vary geographically. Therefore, Contractors are expected to know the In-country, State, or Federal RVP requirements of areas being supplied and comply with those requirements.

GASOLINE AUTOMOTIVE, UNLEADED, REGULAR. Gasoline shall conform to each country specification as listed below:

COUNTRY	SPECIFICATION	NATIONAL STOCK NUMBER
AUSTRALIA	FUEL STANDARD (PETROL) 2001	9130-00-148-7103
CANADA	CAN/CGSB-3.5-2001	
JAPAN	JIS K 2202	
PHILIPINES	PNS/DOE QS 008:2012	
MIDDLE EAST	EN 228	
ALL OTHER REGIONS	ASTM D4814	

LOCAL SPECIFICATIONS: In-country specifications not meeting the specification requirements in the chart above, but meet local requirements may also be submitted for review and approval.

(a) **OCTANE REQUIREMENTS**

(1) Unleaded regular automotive gasoline shall meet the Motor Octane Number (MON), Research Octane Number (RON) and/or Anti-Knock Index (AKI) limits described in the specification listed for each country or the in-country requirements when applicable.

(2) Reductions for altitude and seasonal variations are allowed for all AKI values in accordance with specification listed for each country requirements when applicable.

(b) **OXYGENATE REQUIREMENTS.**

(1) In order to achieve minimum/maximum oxygen content limits specified per Federal, State, and local environmental requirements, supplies shall only include oxygenates that are permitted by environmental regulations applicable to the time and place of delivery.

(2) Blending of oxygenates into gasoline to meet oxygenated fuel requirements shall be accomplished by mechanical mixing or agitation in a tank, or by in-line blending, prior to loading the product into transport equipment, and the resultant product must meet contract requirements.

	Signature
Prepared by:	
Quality/Technical Support Office Approval	
Contracting Approval:	

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