

Table 2

Item	Description of Goods	Type	Basic Inspection Equipment
1	Unleaded gasoline for automobile (92, 95, 98 RON only ,not including alcohol gasoline)	Octane number 92, 95 and 98	<ol style="list-style-type: none"> 1. Specific gravity meter or digital density meter 2. Octane number tester 3. Copper strip corrosion test equipment and copper strip corrosion standard sheet 4. Gasoline oxidation stability tester 5. Gel content tester 6. Gas chromatography 7. X-Ray Spectrometer or Atomic Absorption Spectrometer (lead content) 8. Total sulfur analyzer (UV fluorescence method) or related sulfur content test equipment 9. Reid vapor pressure tester or related vapor pressure testing equipment 10. Distillation testing apparatus
2	Aviation gasolines	80, 100, 100LL, 100VLL	<ol style="list-style-type: none"> 1. Copper strip corrosion test equipment and copper strip corrosion standard 2. X-rays fluorescence spectrometer (including sulfur content) or lamp method 3. Distillation testing apparatus
3	Aviation turbine fuels (Jet A and Jet A-1 Only)	Jet A and Jet A-1	<p>CNS 2558 (2025 version, produced by specifically approved processes)</p> <p>1-1 Basic Inspection equipment:</p> <ol style="list-style-type: none"> 1. X-rays fluorescence spectrometer or related sulfur content testing equipment 2. Distillation testing apparatus 3. Digital density meter 4. Copper strip corrosion test equipment and copper strip corrosion standard 5. Gel content tester 6. Tag closed-cup flash point tester <p>1-2 Supplementary inspection equipment:</p> <ol style="list-style-type: none"> 1. Low Temperature Kinematic Viscosity Teste 2. Pour Point Tester 3. Thermal Oxidation Stability Testing Equipment 4. Unconverted Esters and Fatty Acids Testing Equipment 5. Lubricity Tester (for Co-processed Feedstocks of Hydrotreated Synthetic Kerosene) 6. Total Aromatics Content Analyzer (for Co-processed Feedstocks of Hydrotreated Synthetic Kerosene) <p>CNS 16221 (2023 version)</p> <p>1-1 Basic Inspection equipment:</p> <ol style="list-style-type: none"> 1. X-rays fluorescence spectrometer or related sulfur content testing equipment 2. Distillation testing apparatus 3. Digital density meter 4. Copper strip corrosion test equipment and copper strip corrosion standard 5. Gel content tester

Item	Description of Goods	Type	Basic Inspection Equipment
			6. Tag closed-cup flash point tester 1-2 Supplementary inspection equipment: 1. Low Temperature Kinematic Viscosity Tester 2. Pour Point Tester 3. Thermal Oxidation Stability Testing Equipment 4. Unconverted Esters and Fatty Acids Testing Equipment 5. Lubricity Tester (for Co-processed Feedstocks of Hydrotreated Synthetic Kerosene) 6. Total Aromatics Content Analyzer (for Co-processed Feedstocks of Hydrotreated Synthetic Kerosene)
4	Kerosene	1-K and 2-K	1. Copper strip corrosion test equipment and copper strip corrosion standard 2. Pensky-Martens closed-cup flash point tester, Tag closed-cup flash point tester or mini closed-cup flash point tester 3. Saybolt Chromometer 4. X-rays fluorescence spectrometer or related sulfur tester 5. Distillation testing apparatus.
5	Automotive diesel fuel		1. Specific gravity meter or digital density meter 2. Copper strip corrosion test equipment and copper strip corrosion standard 3. Pensky-Martens closed-cup flash point tester 4. Viscometer and its constant temperature bath 5. Ramsbottom carbon residue tester or trace carbon residue testing apparatus 6. Centrifuge and corresponding centrifuge tube 7. Distillation testing apparatus 8. Total sulfur analyzer (ultraviolet fluorescence method) or X-rays fluorescence spectrometer 9. Ashing furnace 10. High Performance Liquid Chromatography (Differential Refractive Index Detector) 11. High frequency reciprocal testing apparatus 12. Infrared spectrometer (with capability of adding fatty acid methyl ester) 13. Karl Fischer moisture tester (with capability of adding fatty acid methyl ester) 14. Filter membrane and filtration device (with capability of adding fatty acid methyl ester) 15. Pour point testing apparatus 16. Cold filter plugging point testing apparatus (with capability of adding fatty acid methyl ester) 17. Diesel oxidation stability testing apparatus
6	Diesel fuel oil (including Ordinary Diesel Fuel and Fishing	Ordinary Diesel Fuel and Fishing Boat oil A	1. Specific gravity meter or digital density meter 2. Copper strip corrosion test equipment and copper strip corrosion standard 3. Pensky-Martens closed-cup flash point tester 4. Viscometer and its constant temperature bath

Item	Description of Goods	Type	Basic Inspection Equipment
	Boat oil A)		5. Ramsbottom carbon residue tester or trace carbon residue testing apparatus 6. Centrifuge and corresponding centrifuge tube 7. Distillation testing apparatus 8. Total sulfur analyzer (ultraviolet fluorescence method) or X-rays fluorescence spectrometer 9. Ashing furnace 10. Pour point testing apparatus
7	Fuel Oil (NO.4, NO. 5, NO. 6 and NO. 6T only)	No.4 (Light), No.4,No 5 (Light), No 5 (Heavy), No. 6T and No. 6	1. Relative Gravity meter or Digital Density meter 2. Pensky-Martens Closed –cup flash point tester. 3. Viscometer and its constant temperature bath. 4. Trace Carbon residue testing apparatus. 5. Water Distillation apparatus. 6. Centrifuge and Corresponding centrifuge tube with temperature control at 60°C. 7. X-ray fluorescence spectrometer or total sulfur analyzer (Ultraviolet Fluorescence method) 8. Pour Point testing apparatus.
8	Commercial Propane, Commercial Butane, Commercial PB Mixture, Special-duty propane	Propane, Butane, Mixed Propane and Butane; Propane for special application	1. Lamp method testing apparatus, Oxidative micro-coulometer, Gas chromatography chemical luminescence apparatus, or Volatile sulfur in gaseous hydrocarbons and liquefied petroleum gases by UV fluorescence testing apparatus. 2. Vapor pressure testing apparatus. 3. Density tester 4. Copper strip corrosion test equipment and copper strip corrosion standard. 5. Constant temperature bath with thermometer (-20°C ~102°C) 6. Gas Chromatography 7. Volatility testing apparatus. 8. Hydrogen sulfide testing apparatus. 9. Residue testing apparatus.