

Table 1

Description of Goods	Type	Inspection Standard	Inspection Item	
			All Inspection Items	Major Inspection Items
Unleaded gasoline for automobile (92, 95, 98 RON only ,not including alcohol gasoline)	Octane number 92, 95 and 98	CNS 12614	Density, Research Octane Number (RON), Copper strip corrosion, Oxidation stability, Existent gum content, Benzene content, Sulfur content, Oxygen content (without ethanol),Lead content, Vapor pressure (without ethanol), Distillation temperature, Distillation residue, DI, Hydrocarbon type content (Olefins and Aromatics)	Sulfur Content
Aviation gasolines	80, 100, 100LL, 100VLL	CNS 2259	Sulfur Content, Distillation Properties, Copper strip corrosion	Sulfur Content
Aviation turbine fuels (Jet A and Jet A-1 Only)	Jet A and Jet A-1	CNS 2558 (2025 version, produced by specifically approved processes)	1.Basic Inspection items: Sulfur Content, Distillation Properties (distillation temperature, distillation residue, distillation loss), Copper strip corrosion, Flash point, Density at 15°C, Existent gum content 2. Supplementary inspection items specifies in CSN 2558 (2025 version) annex A: Thermal stability (2.5h at control temperature 280°C), -40°C viscosity, Freezing point, Unconverted esters and fatty acids; co-processing hydrocarbons from previously hydroprocessed esters and fatty acid: Aromatics ,Distillation (T50-T10,T90-T10) and Lubricity	Total Sulfur Content
		CNS 16221 (2023 version, consists of conventional and synthetic blending components)	1.Basic Inspection items: Sulfur Content, Distillation Properties (distillation temperature, distillation residue, distillation loss), Copper strip corrosion, Flash point, Density at 15°C, Existent gum content 2. Supplementary inspection items: Thermal stability (2.5h at control temperature 260°C) , -40°C viscosity, Freezing point, Unconverted esters and fatty acids; co-processing hydrocarbons from previously hydroprocessed esters and fatty acid: Aromatics, Distillation (T50-T10, T90-T10) and Lubricity	
Kerosine	1-K and 2-K	CNS 1470	Sulfur Content, cooper strip corrosion, flash point, Saybolt Color, Distillation	Sulfur Content

			range, Distillation temperature	
Automotive diesel fuel	-	CNS 1471	All quality items in CNS 1471	Sulfur Content
Diesel fuel oil (Including Ordinary Diesel Fuel and Fishing Boat oil A)	Ordinary Diesel Fuel and Fishing Boat oil A	CNS 1471-1	Cetane Index, Density, Copper strip corrosion, Flash point, Kinematic Viscosity, Ramsbottom Carbon Residue, Water and Sediment, Distillation Temperature, Sulfur Content, Ash, Pour Point	Sulfur Content
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	CNS 1472	Density, Flash Point, Kinematic Viscosity, Pour Point, Water and sediment, Sulfur Content, Trace Carbon Residue	Sulfur Content
Liquefied petroleum gases (LPG)	Commercial Propane, Commercial Butane, Commercial PB Mixture, Special-duty propane	CNS 12951	Volatiles: "C4 and higher hydrocarbons, C5 and higher hydrocarbons, propylene content" or "95% evaporation temperature", 1,3-butadiene, total sulfur content, vapor pressure, density (15°C) or relative density, copper strip corrosion, hydrogen sulfide, residue (including 100 ml distillation residue and oil stain observation)	Sulfur Content