

ICS 75.160.20

CCS E 31



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 29114-2012

Specifications of gas turbine fuels

Issued on: December 31, 2012

Implemented on: July 1, 2013

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Foreword

1 Scope

2 Normative references

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses redrafted modification method using ISO 4261.1993 "Petroleum products - Fuels (F grade) industrial and marine gas turbine

Aircraft fuel specifications. "

This standard and ISO 4261.1993, compared with more adjustment in the structure, listed in Appendix A of this standard and ISO 4261.1993

The reg number control list.

This standard and ISO 4261.1993 as compared to the presence of a technical difference, Appendix B gives a list of corresponding technical differences and the reasons.

This standard made the following editorial changes.

--- Remove the ISO 4261.1993 Annex C (informative) and Annex D (informative).

This standard by the National Standardization Technical Committee on products and lubricant oil (SAC/TC280) proposed.

This standard by the National Petroleum Products and Lubricants Standardization Technical Committee of petroleum fuels and lubricants Technical Committee (SAC/TC280/SC1) centralized.

This standard was drafted. China Research Institute of Petroleum Corp. Petrochemical, China National Offshore Oil Corporation, CNOOC Gas

Exploitation Company.

1 Scope

This standard specifies the oil straight-run and secondary processing product or blended product as a non-classified aviation gas turbine liquid fuel to

Sum test methods, inspection rules, marking, packaging, transportation and storage and

security.

This standard applies to non-aviation gas turbines.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 190 packaging and marking of dangerous goods

GB/T 260 Petroleum products - Determination of water content

GB/T 261 Flash Point by Pensky - Martens closed cup method (GB/T 261-2008, ISO 2719.2002, MOD)

GB/T 265 Petroleum products - Determination of kinematic viscosity and calculation of dynamic viscosity

GB/T 387 Black petroleum products - Determination of sulfur content (tube furnace method)

GB/T 508 Petroleum products - Determination of ash (GB/T 508-1985, neq ISO 6245. 1982)

GB/T 1884 crude oil and liquid petroleum products - Laboratory determination of density (density meter method) (GB/T 1884-2000, eqv

ISO 3675.1998)

GB/T 1885 Petroleum Measurement Tables (GB/T 1885-1998, eqv ISO 91-2.1991)

GB/T 3535 Petroleum products - Determination of pour point (GB/T 3535-2006, ISO 3016. 1974, MOD)

GB/T 4756 petroleum liquids hand sampling method (GB/T 4756-1998, eqv ISO 3170. 1988)

GB/T 5096 petroleum products copper corrosion test

GB/T 6531 crude oil and fuel oils precipitate assay (extraction method) (GB/T 6531-1986, eqv ISO 3735. 1975)

GB/T 6536 Petroleum products - Determination of distillation characteristics at atmospheric pressure

GB/T 6986 Petroleum Determination of cloud point (GB/T 6986-1991, eqv ISO 3015. 1974)

GB/T 11140 Petroleum products - Determination of sulfur content wavelength dispersive X-ray fluorescence spectrometry

GB/T 12692.3 Petroleum products - Fuels (F Class) Classification Part 3 for industrial and marine gas turbine fuels

GB/T 12700 Petroleum products and hydrocarbons - Determination of sulfur content
Wickbold method (GB/T 12700-1990, neq

ISO 4260. 1987)

GB 13690 chemical classification and hazard communication General

GB/T 17040 sulfur content in petroleum and petroleum products - Determination of energy
dispersive X-ray fluorescence spectrometry

GB 20581-2006 chemical classification, precautionary labeling and precautionary
statements of specification flammable liquids

SH/T 0160 Petroleum products - Determination of carbon residue (Gram method) (SH/T
0160-1992, neqISO 4262. 1978)