



The Gambia Standards Bureau

JET A1 - Specification

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THE GAMBIA STANDARDS BUREAU

The Gambia Standards Bureau is a statutory organization established by The Gambia Standards Bureau Act 2010 to standardize products, methods, systems and for connected matters.

TECHNICAL COMMITTEE RESPONSIBLE

The preparation of this Gambian Standard was entrusted upon the Technical Committee for Petroleum Products in which the following organizations were represented:

- Ministry of Petroleum (Chair)
- Gambia National Petroleum Corporation
- Gampetroleum Company Ltd
- ELTON Oil Company Ltd
- TOTAL Oil Company Ltd
- Galp Energia (Gambia) Ltd
- The Gambia Standards Bureau (Secretariat)

FINAL DRAFT

TABLE OF CONTENTS

FOREWORD	iii
1 SCOPE	1
2 NORMATIVE REFERENCES	1
3 DEFINITIONS	1
4 REQUIREMENTS	2
5 PACKAGING AND MARKING	2
6 METHODS OF TEST	4
7 SAMPLING	4
TABLES	
TABLE 1: SPECIFICATIONS FOR JET A1	3

FOREWORD

This Draft Gambian Standard was finalized by the Technical Committee on Petroleum Products, in accordance with the internationally-recognized procedure for development or adoption of Standards i.e., *ISO/IEC Guide 21-1 - Regional or national adoption of International Standards and other International Deliverables - Part 1: Adoption of International Standards*.

The Petroleum Products Technical Committee was set up following concerns from stakeholders including Regulatory bodies and Oil Marketing Companies as well as consumers on the urgent need to have a national standard specification for petroleum products in use in Gambia.

This standard specification is for the aviation turbine fuel classified as JET A1. It specifies the requirements in terms of limits, testing, methods of sampling and labeling for this product.

However, this specification does not define the quality assurance testing and procedures necessary to ensure that fuel in the distribution system continues to comply with this specification after batch certification. Such procedures are not within the scope of this standard and are thus defined in relevant industry Guides such as ICAO 9977, EI/JIG Standard 1530, JIG 1, JIG 2, API 1543, API 1595, and ATA-103.

This Standard can be obtained from The Gambia Standards Bureau.

JET A1 - Specification

1. SCOPE

This Draft Gambian Standard specifies requirements and methods of sampling and testing for JET A1.

2. NORMATIVE REFERENCES

The following publications contain provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below.

ASTM D 86	Test Method for Distillation of Petroleum Products.
ASTM D 93	Test Method for Flashpoint by Pensky-Martens Closed Cup Tester.
ASTM D 130	Test Method for Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test.
ASTM D 445	Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity).
ASTM D 2624	Standard Test Method for Aviation and Distillate Fuels
ASTM D 3242	Standards Test Method for Acidity in Aviation Turbine Fuel.
ASTM D 156	Standard Test Method for Saybolt Colour of Petroleum Products (Saybolt Chronometer Method).
ASTM D 2386	Standard Test Method for Freezing Point of Aviation Fuels.
ASTM D 1322	Standard Test Method for Smoke Point of Kerosene and Aviation Turbine Fuel.
ASTM D 4052	Practice for Density, Relative Density (Specific Gravity), or API Gravity of Liquids by Digital Density Meter
ASTM D 381	Standard Test Method for Gum Content in Fuels by Jet Evaporation.
ASTM D 4294	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry

NOTE: ASTM - Methods published by the ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA, 19428-2959 USA.

Only informative sections of standards are publicly available. To view the full content, you can contact the Gambia Standards Bureau for purchase at info@tgsb.gm. We can also be reached on the following numbers 4464210 / 4460193.

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