



# SLOVENSKI STANDARD

## SIST EN ISO 6251:1999

01-november-1999

Nadomešča:

SIST EN ISO 6251:1998

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**Utekočinjeni naftni plini - Korozivnost na baker - Preskus z bakrenim trakom (ISO 6251:1996)**

Liquefied petroleum gases - Corrosiveness to copper - Copper strip test (ISO 6251:1996)

Flüssiggase - Korrosionswirkung auf Kupfer - Kupferstreifenprüfung (ISO 6251:1982)

Gaz de pétrole liquéfiés - Action corrosive sur le cuivre - Essai a la lame de cuivre (ISO 6251:1982)

[SIST EN ISO 6251:1999](https://standards.iteh.ai/catalog/standards/sist/e17704aa-9884-41d0-9cd6-9644/sist-en-iso-6251-1999)

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**Ta slovenski standard je istoveten z: EN ISO 6251:1998**

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**ICS:**

75.160.30 Plinska goriva

Gaseous fuels

**SIST EN ISO 6251:1999**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 6251

June 1998

ICS 75.160.30

Supersedes EN ISO 6251:1995

Descriptors: see ISO document

English version

## Liquefied petroleum gases - Corrosiveness to copper - Copper strip test (ISO 6251:1996)

Gaz de pétrole liquéfiés - Action corrosive sur le cuivre -  
Essai à la lame de cuivre (ISO 6251:1996)

Flüssiggase - Korrosionswirkung auf Kupfer -  
Kupferstreifenprüfung (ISO 6251:1996)

This European Standard was approved by CEN on 24 May 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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## Foreword

The text of the International Standard from Technical Committee ISO/TC 28 "Petroleum products and lubricants" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 19 "Petroleum products, lubricants and related products", the secretariat of which is held by NNI.

This European Standard supersedes EN ISO 6251:1995.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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## Endorsement notice

[SIST EN ISO 6251:1999](#)

The text of the International Standard ISO 6251:1996 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 2160	1985	Petroleum products - Corrosiveness to copper - Copper strip test	EN ISO 2160	1995
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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# INTERNATIONAL STANDARD

**ISO  
6251**

Second edition  
1996-11-01

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## **Liquefied petroleum gases — Corrosiveness to copper — Copper strip test**

**iTeh STANDARD PREVIEW**

**(standards.iteh.ai)**

*Gaz de pétrole liquéfiés — Action corrosive sur le cuivre — Essai à la lame  
de cuivre*

[SIST EN ISO 6251:1999](https://standards.iteh.ai/catalog/standards/sist/e17704aa-9884-41d0-9cd6-2630caaf9644/sist-en-iso-6251-1999)

<https://standards.iteh.ai/catalog/standards/sist/e17704aa-9884-41d0-9cd6-2630caaf9644/sist-en-iso-6251-1999>



Reference number  
ISO 6251:1996(E)

## ISO 6251:1996(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6251 was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*.

This second edition cancels and replaces the first edition (ISO 6251:1982), which has been technically revised.

Annex A forms an integral part of this International Standard.

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International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

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# Liquefied petroleum gases — Corrosiveness to copper — Copper strip test

**WARNING** — The use of this International Standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this International Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

## 1 Scope

This International Standard describes a method for the determination of the corrosiveness to copper of liquefied petroleum gases.

NOTE — For an equivalent copper strip test applicable to less volatile petroleum products, see ISO 2160.

<https://standards.iteh.ai/catalog/standards/sist/e17704aa-9884-41d0-9cd6-2630caaf9644/sist-en-iso-6251-1999>

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2160:1985, *Petroleum products — Corrosiveness to copper — Copper strip test*.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*.

## 3 Definition

For the purposes of this International Standard, the following definition applies.

**3.1 liquefied petroleum gas (LPG):** Hydrocarbon gas that can be stored and/or handled in the liquid phase under moderate conditions of pressure and at ambient temperature. It consists essentially of C<sub>3</sub> and C<sub>4</sub> alkanes or alkenes, or a mixture of these, contains generally less than 5 % by liquid volume of material of higher carbon number, and having a gauge vapour pressure not exceeding approximately 1 600 kPa at 40 °C.