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Versione 2 giugno 2019

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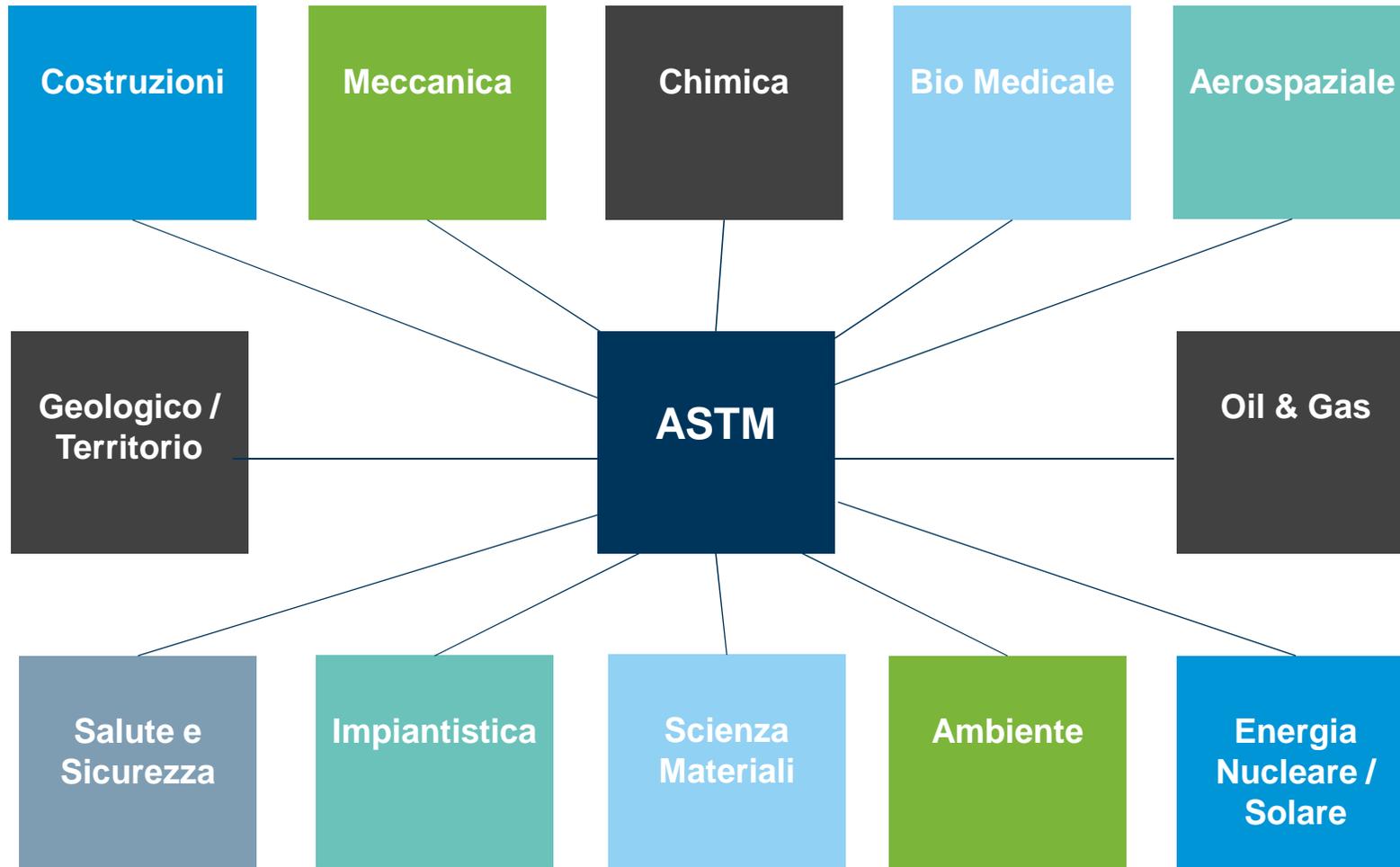
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Contenuti: Norme



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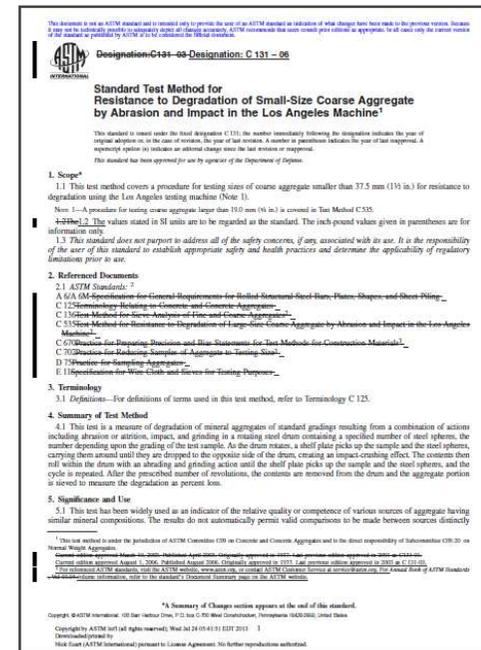
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CONTENUTI 3^A PARTI

- UOP Universal Oil Products Collection Standards
- API American Petroleum Institute www.api.org
- ACI American Concrete Institute www.concrete.org
- AASHTO American Association of State Highways and Transportation Officials www.transportation.org

e a breve nuovi contenuti: **API, ASME....**



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Oltre 80 Volumi - <http://www.astm.org/BOOKSTORE/BOS/index.html>

Section 01 - Iron and Steel Products (**Prodotti in ferro e acciaio**)

Section 02 - Nonferrous Metal Products (**Prodotti metallici non ferrosi**)

Section 03 - Metals Test Methods and Analytical Procedures (**Metalli Metodi di prova e procedure analitiche**)

Section 04 - Construction (**Costruzione**)

Section 05 - Petroleum Products, Lubricants, and Fossil Fuels (**Prodotti petroliferi, lubrificanti e combustibili fossili**)

Section 06 - Paints, Related Coatings and Aromatics (**Vernici, rivestimenti correlati e aromatici**)

Section 07 - Textiles (**Tessile**)

Section 08 - Plastics (**Plastica**)

Section 09 - Rubber (**Gomma**)

Section 10 - Electrical Insulation and Electronics (**Isolamento elettrico ed elettronica**)

Section 11 - Water and Environmental Technology (**acqua e tecnologia ambientale**)

Section 12 - Nuclear, Solar and Geothermal Energy (**Energia nucleare, solare e geotermica**)

Section 13 - Medical Devices and Services (**Dispositivi e servizi medici**)

Section 14 - General Methods and Instrumentation (**Metodi e strumenti generali**)

Section 15 - General Products, Chemical Specialties and End Use Products (**Prodotti generali, specialità chimiche e prodotti per uso finale**)



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Versione delle norme in HTML



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ADD/EDIT ANNOTATION  PRINT SECTION

1 | Scope *A Summary of Changes section appears at the end of this standard. [Previous](#) [Next](#) | [Top](#) [Bottom](#)

1.1 This specification covers ten types of portland cement, as follows (see [Note 2](#)):

- 1.1.1 Type I—For use when the special properties specified for any other type are not required.
- 1.1.2 Type IA—Air-entraining cement for the same uses as Type I, where air-entrainment is desired.
- 1.1.3 Type II—For general use, more especially when moderate sulfate resistance is desired.
- 1.1.4 Type IIA—Air-entraining cement for the same uses as Type II, where air-entrainment is desired.
- 1.1.5 Type IIB—Air-entraining cement for the same uses as Type II, where air-entrainment is desired, especially when moderate heat of hydration and moderate sulfate resistance are desired.
- 1.1.6 Type IIC—Air-entraining cement for the same uses as Type II(MH), where air-entrainment is desired, especially when moderate heat of hydration and moderate sulfate resistance are desired.
- 1.1.7 Type III—For use when high early strength is desired.
- 1.1.8 Type IIIA—Air-entraining cement for the same use as Type III, where air-entrainment is desired.
- 1.1.9 Type IV—For use when a low heat of hydration is desired.
- 1.1.10 Type V—For use when high sulfate resistance is desired.

NOTE 1: Some cements are designated with a combined type classification, such as Type I/II, indicating that the cement meets the requirements of the indicated types and is being offered as suitable for use when either type is desired.

NOTE 2: Cement conforming to the requirements for all types are not carried in stock in some areas. In advance of specifying the use of cement other than Type I, determine whether the proposed type of cement is, or can be made, available.

1.2 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard. Values in SI units [or inch-pound units] shall be obtained by measurement in SI units [or inch-pound units] or by appropriate conversion, using the Rules for Conversion and Rounding given in [IEEE/ASTM SI 10](#), of measurements made in other units [or SI units]. Values are stated in only SI units when inch-pound units are not used in practice.

1.3 The text of this standard references notes and footnotes which provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the standard.

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Versione delle norme in PDF



Designation: D86 - 16a

Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure¹

This standard is issued under the fixed designation D86; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscripted epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the U.S. Department of Defense.

1. Scope*

1.1 This test method covers the atmospheric distillation of any batching range distillates, but oxygenated fuels, special test, and

its vapor, may be hazardous to health and corrosive to materials. Caution should be taken when handling mercury and mercury containing products. See the applicable product Material Safety Data Sheet (MSDS) for details and EPA's website—<http://www.epa.gov/mercury/faq.htm>—for additional information. Users should be aware that selling mercury and/or mercury containing products into your state or country may be prohibited by law.

1.6 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 All standards are subject to revision, and parties to agreement on this test method are to apply the most recent edition of the standards indicated below, unless otherwise specified, such as in contractual agreements or regulatory rules where earlier versions of the method(s) identified may be required.

2.2 ASTM Standards²

- D97 Test Method for Pour Point of Petroleum Products
- D323 Test Method for Vapor Pressure of Petroleum Products (Reid Method)
- D4057 Practice for Manual Sampling of Petroleum and Petroleum Products
- D4175 Terminology Relating to Petroleum Products, Liquid Fuels, and Lubricants
- D4177 Practice for Automatic Sampling of Petroleum and Petroleum Products
- D4953 Test Method for Vapor Pressure of Gasoline and Gasoline-Oxygenate Blends (Dry Method)

¹ This test method is under the jurisdiction of ASTM Committee D02 on Petroleum Products, Liquid Fuels, and Lubricants and is the direct responsibility of Subcommittee D02.08 on Volatility.

In the IP, the equivalent test method is published under the designation IP 121. It is under the jurisdiction of the Standardization Committee.

Current edition approved Aug. 1, 2016; Published August 2016. Originally approved in 1921. Last previous edition approved in 2015 as D86-16. DOI: 10.1520/D0086-16A.

² Supporting data have been filed at ASTM International Headquarters and may be obtained by requesting Research Report RR-D02-1694.

SOLO consultabile, con link dinamici alle normative citate



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³ For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards volume information, refer to the standard's Document Summary page on the ASTM website.

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Ricerca semplice e avanzata



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DESIGNATION: D86 - 15

Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure¹

Active Standard ASTM D86 | Developed by Subcommittee: [D02.08](#)
Book of Standards Volume: [05.01](#)

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HISTORICAL VERSION(S):

- D86 - 12** Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure
- D86 - 11b** Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure
- D86 - 11a** Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure
- D86 - 11** Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure

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Propone tutte le revisioni della norma cercata



Subcommittee D02.08 on Volatility

Showing results 1-23 of 23 matching **ACTIVE** standards under the jurisdiction of D02.08 [D02 Home](#)

D56-05(2010) Standard Test Method for Flash Point by Tag Closed Cup Tester
See also WK53888 proposed revision

D86-15 Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure
See also WK51823 proposed revision
See also WK53232 proposed revision

D92-12b Standard Test Method for Flash and Fire Point by Tag Closed Cup Tester
See also WK51770 proposed revision
See also WK53889 proposed revision

D93-15a Standard Test Methods for Flash Point by Tag Closed Cup Tester
See also WK44818 proposed revision
See also WK53890 proposed revision
See also WK53898 proposed revision
See also WK53899 proposed revision

D323-15a Standard Test Method for Vapor Pressure by Tag Closed Cup Tester

D1160-15 Standard Test Method for Distillation of Petroleum Products at Reduced Pressure

ASTM WK51823

Revision of D86 - 12 Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure

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WK51823

1. Rationale

The comprehension of the phrase in D86 Section 10.11 uniform rate of condensation has been questioned by users and debated on numerous occasions at meetings. An expanded discussion of this phrase is being balloted to assist in the comprehension.

Keywords

batch distillation; distillates; distillation; laboratory distillation; petroleum products;



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Accesso ai “tool”: vantaggi e risparmio di tempo



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Confronto delle diverse versioni di una norma



Vengono evidenziati i cambiamenti in colori diversi («Redline»)

RISPARMIO DI TEMPO!!

◆ A53/A53M-18 and ◆ A53/A53M-04 BACK TO ACTIVE

Printer Friendly with Annotations PRINT STANDARD

Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless

Designation: ~~A 53/A53M 53/A 53M~~ **A 53/A53M-0418**

Disclaimer: This document is not an ASTM standard and is intended only to provide the user of an ASTM standard an indication of what changes have been made to the previous version. Because it may not be technically possible to adequately depict all changes accurately, ASTM recommends that users consult prior editions as appropriate. In all cases, only the current version of the standard as published by ASTM is to be considered the official document.

Legend: ■ Old Version ■ New Version

~~1-Scope~~ **Scope*** ~~A~~ Summary of Changes section appears at the end of this standard.

1.1 This specification ~~2~~ covers seamless and welded black and hot-dipped galvanized steel pipe in NPS $\frac{1}{8}$ to NPS 26 [DN 6 to DN 650] ~~(Note 1)~~, inclusive, with nominal wall thickness ~~(Note 2)~~ as given in Table X2.2 and Table X2.3. It shall be permissible to furnish pipe having other dimensions ~~(Note 2)~~ provided that such pipe complies with all other requirements of this specification. **Supplementary requirements of an optional nature are provided and shall apply only when specified by the purchaser.**

NOTE ~~1~~ ~~THE~~ **1** The dimensionless designators NPS (nominal pipe size) [DN (diameter nominal)] have been substituted in this specification for such traditional terms as "nominal diameter," "size," and "nominal size."

NOTE ~~2~~ ~~THE~~ **2** The term nominal wall thickness has been assigned for the purpose of convenient designation, existing in name only, and is used to distinguish it from the actual wall thickness, which may vary over or under the nominal wall thickness.

1.2 This specification covers the following types and grades:

1.2.1 Type ~~F~~ **F**—Furnace-butt ~~F~~ **F**—Furnace-butt ~~welded~~ **welded**, continuous welded Grade A,

1.2.2 Type ~~E~~ **E**—Electric-resistance ~~E~~ **E**—Electric-resistance ~~welded~~ **welded**, Grades A and B, and

1.2.3 Type ~~S~~ **S**—Seamless, Grades A and B.



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Esempio di Annotazione



Per ricordarsi perchè è stata utilizzata una specifica norma e aggiugere altre informazioni

DESIGNATION: D5258 - 02(2013)

Standard Practice for Acid-Extraction of Elements from Sediments Using Closed Vessel Microwave Heating¹

Active Standard ASTM D5258 | Developed by Subcommittee: [D19.07](#)
Book of Standards Volume: [11.02](#)

[ADD/EDIT ANNOTATION](#)

This standard is issued under the fixed designation D5258; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

In this standard:

- [Section 1 Scope](#)
- [Section 2 Referenced Documents](#)
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9 | Sampling

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9.1 Collect a sediment sample using an appropriate sampling technique.

9.2 Prepare the sediment sample in accordance with Sections 10 and 12 of Practice [D3974](#).

Annotations are good for capturing company specific information.



- Annotation Made By: James Thomas Fri Jan 11 09:48:02 EST 2013

- Annotation Made By: James Thomas Fri Apr 26 14:21:51 EDT 2013

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10 | Vessel Cleaning

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10.1 The manufacturer's recommended cleaning procedure may be followed or the procedure in [10.2](#) through [10.4](#) may be used.

10.2 Soak the fluoropolymer vessel parts in cleaning solution at 60°C for 10 min.

10.3 Remove the vessel parts from the cleaning solution and thoroughly rinse the parts with tap water and then with reagent water.

10.4 Allow the vessel parts to air-dry or wipe dry using a clean, soft cloth.

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I. Scope*

1.1 This test method covers the atmospheric distillation of petroleum products and liquid fuels using a laboratory batch distillation unit to determine quantitatively the boiling range characteristics of such products as light and middle distillates, automotive spark-ignition engine fuels with or without oxygenates (see Note 1), aviation gasolines, aviation turbine fuels, diesel fuels, biodiesel blends up to 20 %, marine fuels, special petroleum spirits, naphthas, white spirits, kerosines, and Grades 1 and 2 burner fuels.

Note 1—An interlaboratory study was conducted in 2008 involving 11 different laboratories submitting 15 data sets and 15 different samples of ethanol-fuel blends containing 25 % volume, 50 % volume, and 75 % volume ethanol. The results indicate that the repeatability limits of these samples are comparable or within the published repeatability of the method (with the exception of FBP of 75 % ethanol-fuel blends). On this basis, it can be concluded that Test Method D86 is applicable to ethanol-fuel blends such as E15 and E85 (Specification D5798) or other ethanol-fuel blends with greater than 10 % volume ethanol. See ASTM RR:D02-1694 for supporting data.¹

1.2 The test method is designed for the analysis of distillate fuels; it is not applicable to products containing appreciable quantities of residual material.

1.3 This test method covers both manual and automated instruments.

1.4 Units to be regulated are provided.

1.5 Where regulatory requirements are applicable, mercury, or its vapor, may be hazardous to health and corrosive to materials. Caution should be taken when handling mercury and mercury containing products. See the applicable product Material Safety Data Sheet (MSDS) for details and EPA's website—<http://www.epa.gov/mercury/faq.htm>—for additional information. Users should be aware that selling mercury and/or mercury containing products into your state or country may be prohibited by law.

1.6 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 All standards are subject to revision, and parties to agreement on this test method are to apply the most recent edition of the standards indicated below, unless otherwise specified, such as in contractual agreements or regulatory rules where earlier versions of the method(s) identified may be required.

2.2 ASTM Standards:¹

- D97 Test Method for Pour Point of Petroleum Products
- D323 Test Method for Vapor Pressure of Petroleum Products (Reid Method)
- D4057 Practice for Manual Sampling of Petroleum and Petroleum Products
- D4175 Terminology Relating to Petroleum Products, Liquid Fuels, and Lubricants

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Subcommittee D02.08 on Volatility

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D56-05(2010) Standard Test Method for Flash Point by Tag Closed Cup Tester

See also WK53888 proposed

D86-15 Standard Test Method

See also WK51823 proposed

See also WK53232 proposed

D92-12b Standard Test Method

See also WK51770 proposed

See also WK53889 proposed

D93-15a Standard Test Method

See also WK44818 proposed

See also WK53890 proposed

See also WK53898 proposed

See also WK53899 proposed

D323-15a Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method)

D1160-15 Standard Test Method for Distillation of Petroleum Products at Reduced Pressure

Committee D02 on Petroleum Products, Liquid Fuels, and Lubricants

Staff Manager: [Alyson Fick](#) ☎ 610-832-9710

ASTM Committee D02 on Petroleum Products and Lubricants was formed in 1904. D02 meets twice a year, June and December. Approximately 1000 members attend the five days of technical meetings. The committee, with a current membership of approximately 2500 industry professionals and experts, currently has jurisdiction over 814 standards, published in six volumes of the Annual Book of ASTM Standards; Volumes 05.01, 05.02, 05.03, 05.04, 05.05 and 05.06. These standards have, and continue to play, a preeminent role in all aspects relating to the standardization of Petroleum Products and Lubricants.

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D86 - Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	
D92 - Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester	
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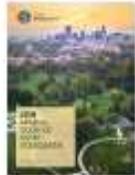


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