



24 January 2019

(19-0413)

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Committee on Technical Barriers to Trade

Original: Spanish

NOTIFICATION

The following notification is being circulated in accordance with Article 10.6.

1. Notifying Member: <u>MEXICO</u> If applicable, name of local government involved (Articles 3.2 and 7.2):
2. Agency responsible: <i>Comisión Reguladora de Energía</i> (Energy Regulatory Commission) Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above: <i>Comité Consultivo Nacional de Normalización Eléctrico</i> (National Advisory Committee on Standardization for Electricity), located at Boulevard Adolfo López Mateos 172, Colonia Merced Gómez, Alcaldía de Benito Juárez, Código postal 03930, Ciudad de México, Email: gcabrera@cre.gob.mx and ccorrea@cre.gob.mx
3. Notified under Article 2.9.2 [X], 2.10.1 [], 5.6.2 [], 5.7.1 [], other:
4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable): Products related to power plants
5. Title, number of pages and language(s) of the notified document: <i>Proyecto de Norma Oficial Mexicana PROY-NOM-017-CRE-2018, Métodos de medición de variables para el cálculo del porcentaje de energía libre de combustible y procedimiento para la evaluación de la conformidad</i> (Draft Mexican Official Standard PROY-NOM-017-CRE-2018: Methods for measuring variables to calculate percentages of fuel-free energy and conformity assessment procedure) (102 pages, in Spanish)
6. Description of content: The notified draft Mexican Official Standard applies to power plants that need to obtain variable values for fuel-free energy (ELC) determinations under the Efficiency and ELC Regulations when they use any of the following generation processes: <ul style="list-style-type: none">(a) Power plants with efficient cogeneration processes(b) Clean power plants that use fossil fuels(c) Low emission technologies and thermal power plants using carbon capture and geological storage or sequestration(d) Power plants using hydrogen(e) Hydro-electric power plants The notified draft Mexican Official Standard will not apply to power plants that have a cogeneration permit and are accredited as efficient cogeneration under the Law on the Public Electric Power Service, provided that their legacy interconnection contracts remain in effect.

7. Objective and rationale, including the nature of urgent problems where applicable: The notified draft Mexican Official Standard seeks to establish:

- (a) the necessary metrology requirements and measurement methods that are to be employed by power plants needing to obtain variable values for use in ELC determinations;
- (b) the conformity assessment procedure.

8. Relevant documents:

- Mexican Official Standard NOM-008-SCFI-2002: *Sistema General de Unidades de Medida*.
- Mexican Official Standard NOM-013-SCFI-2004: *Instrumentos de medición - Manómetros con elemento elástico-Especificaciones y métodos de prueba*.
- Mexican Official Standard NOM-086-SEMARNAT-SENER-SCFI-2005: *Especificaciones de los combustibles fósiles para la protección ambiental*.
- Mexican Official Standard NOM-016-CRE-2016: *Especificaciones de calidad de los petrolíferos*.
- Mexican Official Standard NOM-001-SECRE-2010: *Especificaciones del gas natural (cancelling and replacing NOM-001-SECRE-2003, Calidad del gas natural and NOM-EM-002-SECRE-2009, Calidad del gas natural durante el periodo de emergencia severa)*.
- Mexican Standard NMX-AA-174-SCFI-2015, *Que establece especificaciones y requisitos para la certificación de sustentabilidad ambiental en la producción de bioenergéticos líquidos de origen vegetal*.
- Mexican Standard NMX-EC-17025-IMNC-2006: *Requisitos generales para la competencia de los laboratorios de ensayo y de calibración (cancelling NMX-EC-17025-IMNC-2000)*.
- Mexican Standard NMX-AA-033-1985: *Protección al Ambiente-Contaminación del Suelo- Residuos Sólidos Municipales-Determinación del Poder Calorífico Superior*.
- Mexican Standard NMX-B-030-1984: *Industria Siderúrgica, Carbón y Coque*.
- Mexican Standard NMX-CH-003-1993: *Instrumentos de medición - manómetros de presión, vacuómetros y manovacúmetros indicadores y registradores con elementos sensores elásticos (instrumentos ordinarios)*.
- IEC 60751:2008, Industrial platinum resistance thermometers and platinum temperature sensors.
- ISO 6976:2016, Natural gas -- Calculation of calorific values, density, relative density and Wobbe indices from composition
- ISO 2186:2007, Fluid flow in closed conduits - Connections for pressure signal transmissions between primary and secondary elements.
- ISO 5167-1:2003, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements
- ISO 5167-2:2003, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 2: Orifice plates
- ISO 5167-3:2003, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles.
- ISO 5167-4:2003, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 4: Venturi tubes.
- ISO 5167-5:2016, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 5: Cone meters.

- ISO/TR 9464:2008, Guidelines for the use of ISO 5167:2003.
- ISO 6974-1:2012, Natural gas -- Determination of composition and associated uncertainty by gas chromatography -- Part 1: General guidelines and calculation of composition.
- ISO 6974-2:2012, Natural gas -- Determination of composition and associated uncertainty by gas chromatography -- Part 2: Uncertainty calculations.
- ISO 6974-3:2018, Natural gas -- Determination of composition and associated uncertainty by gas chromatography -- Part 3: Precision and bias.
- ISO 6974-4:2000, Determination of nitrogen, carbon dioxide and C1 to C5 and C6+ hydrocarbons for a laboratory and on-line measuring system using two columns.
- ISO 6974-5:2014, Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons.
- ISO 15970:2008, Natural gas - Measurement of properties - Volumetric properties: density, pressure, temperature and compression factor.
- ISO 17090:2015 (Annex A), Health informatics - Public key infrastructure - Part 1: Overview of digital certificate services.
- ISO 9951:2007, Presentation/representation of entries in dictionaries - Requirements, recommendations and information.
- ISO 2715:2017, Liquid hydrocarbons - Volumetric measurement by turbine flowmeter
- ISO 5725-3:1994, Accuracy (trueness and precision) of measurement methods and results - Part 3: Intermediate measures of the precision of a standard measurement method
- ASME MFC-3M-2017, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi.
- ASME PTC 19.5-2013, Flow Measurement - Performance Test Codes.
- API MPMS 7, Manual of petroleum measurement standards Chapter 7 - Temperature determination
- API MPMS 14.3.2, Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids-Concentric, Square-edged Orifice Meters.
- API MPMS 5.3-2005, Manual of Petroleum Measurement Standards Chapter 5-Metering Section 3-Measurement of Liquid Hydrocarbons by Turbine Meters
- API MPMS 5.2-2005, Manual of Petroleum Measurement Standards Chapter 5-Metering Section 2-Measurement of Liquid Hydrocarbons by Displacement Meters.
- EC 60751:2008, Industrial platinum resistance thermometers and platinum temperature sensors.

9. Proposed date of adoption: To be determined.

Proposed date of entry into force: The notified draft Mexican Official Standard will enter into force 180 calendar days after the first calendar day following its publication in the Official Journal as a final standard.

10. Final date for comments: 22 March 2019

11. Texts available from: National enquiry point [X] or address, telephone and fax numbers and email and website addresses, if available, of other body:

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Text available at:

http://www.dof.gob.mx/nota_detalle.php?codigo=5548498&fecha=21/01/2019

https://members.wto.org/crnattachments/2019/TBT/MEX/19_0392_00_s.pdf