

**TITLE 4. BUSINESS REGULATIONS
DEPARTMENT OF FOOD AND AGRICULTURE**

**NOTICE OF ADDITIONAL DOCUMENTS AND INFORMATION ADDED TO
THE RULEMAKING FILE**

Pursuant to the requirements of Government Code §§ 11346.8(d), 11346.9(a)(1), and 11347.1, the Department of Food and Agriculture (Department) is providing notice that documents and other information which the Department has relied upon in adopting the proposed regulations have been added to the rulemaking file and are available for public inspection and comment.

The Department has added the following documents to the list of documents relied upon:

American National Standards Institute, Standards Activities Overview and ANSI Essential Requirements; Due process requirements for American National Standards, January 2016 version, https://ansi.org/standards_activities/overview/overview.aspx?menuid=3 accessed December 1, 2016

Paw Andersen, Danish Gas Technology Centre, Project report *Algorithm for methane number determination for natural gasses*, June 1999

Klaus Altfeld and Dave Pinchbeck, Groupe Europeen de Recherches Gazieries (European Gas Research Group), *Admissible hydrogen concentrations in natural gas systems*, [www.gerg.eu/public/uploads/files/publications/GERGpapers/HIPS - the paper - _FINAL.pdf](http://www.gerg.eu/public/uploads/files/publications/GERGpapers/HIPS_-_the_paper_-_FINAL.pdf), accessed November 21, 2016

California Department of Food and Agriculture Division of Measurement Standards Device Enforcement Program Manual Updated Version of Examination Procedures Outline 32-A Compressed Natural Gas (CNG) Motor Fuel Dispenser revision of April 2012 in PROGRAM MANUALS at <https://www.cdffa.ca.gov/dms/publications.html>, accessed November 21, 2016

International Council on Combustion Engines (CIMAC) WG 17 'Gas Engines' Position Paper *Information About the Influence on NOx Emissions of Ammonia in the Fuel Gas*, December 2008.
<http://www.cimac.com/publication-press/publications/wg-publications350/cimac-wg17-position-paper-about-the-influence-on-nox-emissions-of-nh3-in-the-fuel-gas.html>, accessed November 21, 2016

International Council on Combustion Engines (CIMAC) WG 17 'Gas Engines' Position Paper *Impact of Gas Quality on Gas Engine Performance*, April 15, 2015
www.cimac.com/cms/upload/workinggroups/WG17/CIMAC_WG17_Position_Paper_Impact_Gas_Quality_on_Gas_Engine_Performance_2015_Jul.pdf, accessed November 21, 2016

California Public Utilities Commission General Order NO. 58A Standards for Gas Service in the State of California <http://www.cpuc.ca.gov/generalorders/>, accessed November 21, 2016

EMA Truck & Engine Manufacturers Association Technical Statement on Commercial Natural Gas in CNG- and LNG-Fueled Mobile Heavy-Duty Engine Applications, June 2014 <http://www.truckandenginemanufacturers.org/file.asp?A=Y&F=EMA+-+Technical+Position+Statement+-+Natural+Gas+Fuels.pdf&N=EMA+-+Technical+Position+Statement+-+Natural+Gas+Fuels.pdf&C=documents> accessed November 21, 2016

EUROMOT (European Association of Internal Combustion Engine Manufacturers) EURIMOT Position paper - *Admissible Hydrogen Concentrations in Pipeline Gas for Internal Combustion Engines*, October 8, 2012

Hien Ly, *Effects of Natural Gas Composition Variations on the Operation, Performance and Exhaust Emissions of Natural – Gas Powered Vehicles*, NGV 2002 Conference Paper, August 2002

NGVAmerica (Natural Gas Vehicles for America) comment letter with attachment dated December 19, 2008 to Christina Zhang-Tillman, California Air Resources Board from Richard Kolodziej, President and Jeffrey Clarke, General Counsel & Regulatory Director NGVAmerica

NGV Global News, *Peterbilt Introduces Cummins Westport ISL-G Near Zero Emissions Engine*, August 31, 2016, <http://www.ngvglobal.com/blog/peterbilt-introduces-cummins-westport-isl-g-near-zero-emissions-engine-0831#more-43288>, accessed November 28, 2016

NaturalGas.org website *Processing Natural Gas* <http://naturalgas.org/overview/> and associated links, accessed November 22, 2016

Pacific Gas and Electric Company, Cal. PUC Tariff Book Rule 2 Sheets 1 - 2, Cal. PUC Sheet No. 23062-G and 23063-G Description of Service Section A. General, filed March 21, 2005, <http://www.pge.com/tariffs/GR.SHTML#GR>, accessed November 22, 2016

Pacific Gas and Electric Company, Cal. PUC Tariff Book, Rule 21 Sheets 16 - 26, Cal. PUC Sheet No. 31956-G – 31965-G Transportation of Natural Gas Section C Quality of Gas, filed March 20, 2015, <http://www.pge.com/tariffs/GR.SHTML#GR>, accessed November 22, 2016

Peterbilt Media Press Release, *PETERBILT INTRODUCES CUMMINS ISL-G NEAR ZERO EMISSIONS ENGINE FOR MODELS 567, 520 AND 320*, August 30, 2016, <http://www.peterbilt.com/about/media/2016/510/>, accessed November 28, 2016

San Diego Gas and Electric Company, Cal. PUC Tariff Book, Rule 2 Sheets 1 - 5, Description of Service, Cal. PUC Sheet No. 19179-G filed January 19, 2012 and four following pages, http://regarchive.sdge.com/tm2/ssi/inc_gas_rules.html, accessed November 22, 2016

San Diego Gas and Electric Company, Cal. PUC Tariff Book, Rule 30 Sheets 14 - 22, Transportation of Customer-Owned Gas, Gas Delivery Specifications Sections I and J, Cal. PUC Sheet No. 21310-G – 21318-G filed June 28, 2015 http://regarchive.sdge.com/tm2/ssi/inc_gas_rules.html, accessed November 22, 2016

Southern California Gas Company, Cal. PUC Rule 2 Description of Service Sections A– D, Cal. PUC Sheet No. 45832-G and 45833-G, filed February 26, 2010, <https://www.socalgas.com/regulatory/tariffs/tariffs-rules.shtml>, accessed November 22, 2016

Southern California Gas Company, Cal. PUC Rule 30 Transportation of Customer-Owned Gas, Gas Delivery Specifications Sections I Gas Delivery Specifications and J Biomethane Delivery Specifications, Cal. PUC Sheet Nos. 52677-G, 51658-G and 51668-G, <https://www.socalgas.com/regulatory/tariffs/tariffs-rules.shtml>, accessed November 22, 2016

Southern California Gas Company, Natural Gas Material Safety Data Sheet, February 2012 version, <https://www.socalgas.com/stay-safe/safety-brochures>, accessed November 22, 2016

Southern California Gas Company, Natural Gas Safety Data Sheet, May 2015 version

South Coast Air Quality Management District et al, Petition of EPA for Rulemaking to Adopt Ultra-Low NOx Exhaust Emission Standards for On-Road Heavy-Duty Trucks and Engines, June 3, 2016, <http://www.aqmd.gov/home/library/public-information/2016-news-archives/nox-petition-to-epa>, accessed November 21, 2016

These documents are available for public inspection at the Department of Food and Agriculture, Division of Measurement Standard, 6790 Florin Perkins Road, Suite 100, Sacramento, CA 95828 from December 1, 2016 through December 16, 2016 between the hours of 8:00 a.m. to 4:30 p.m. Stakeholders and other interested parties may submit written comments on the added documents and information by mail, email, or FAX. The written comment period closes at 5:00 p.m. on December 16, 2016. The Department will consider only those comments received at the Department offices by that time. If comments are submitted by email, please include ‘natural gas fuel regulation documents’ in the subject line.

Submit comments to:

Pamela Fitch, Senior Environmental Scientist
Department of Food and Agriculture
Division of Measurement Standards
6790 Florin Perkins Road, Suite 100
Sacramento, CA 95828
Pamela.fitch@cdfa.ca.gov
(916) 229-3026 (FAX)