

SPRING 2007

RFD-TV Live Features New Propane Technology for Rural America

Millions of rural homeowners and farmers learned about new propane technology and innovations on January 29 during the national television program *RFD-TV Live*. Available in more than 28 million homes nationwide, the RFD-TV channel focuses on life in rural America, covering topics from country music to campfire cooking and antique tractors to new agricultural technologies.

The live show was hosted by Max Armstrong, one of the most recognized agriculture journalists in America. It featured a panel discussion with PERC's President and CEO Roy Willis, Agriculture Advisory Committee Chair Robert Jacobs, and Research and Development Committee Chair Stuart Weidie. Specific propane-fueled technologies highlighted on the show included standby generators, tankless water heaters, underground propane tanks, thermal weed control, poultry house sanitation, and thermal crop defoliation.

The nationwide audience was invited to call into the live show to ask questions

about these propane technologies. The show generated numerous calls, and panelists were able to address nearly 20 questions live on the air. Standby generators were a popular topic with callers in the Midwest who had experienced recent extended power outages. More questions came from callers in Arkansas, Kentucky, Minnesota, North Carolina, Ohio, Texas, and West Virginia about flame weed control, home heating, poultry house sanitation, and propane engines.

Viewers were encouraged to visit learnaboutpropane.com for additional information about propane in the home

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Robert Jacobs, Stuart Weidie, and Roy Willis discuss propane innovations with *RFD-TV Live* host Max Armstrong.

Propane Engines Provide Clean and Secure Energy Alternatives

In meeting America's energy needs, propane can play a significant role in reducing gasoline consumption. In fact, a recent PERC study showed that propane can displace nearly 1 billion gallons of gasoline over the next decade.

The study was in response to President Bush's call for new technologies to meet the goal of energy security, and was conducted by Energy and Environmental Analysis, Inc. (an ICF International Company).

"This is a dynamic time in the energy business, and propane has a significant role to play in the President's call to reduce dependence on gasoline," said PERC President and CEO Roy Willis. "The results of the research will be shared with government agencies to help them develop strategies to help achieve this goal."

Tax Credit Available for Propane Forklift Operators

In 2005, Congress enacted the Safe, Accountable, Flexible, and Efficient

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www.propanecouncil.org

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PROPANE
EXCEPTIONAL ENERGY®

Propane R&D Update

Propane Technology Review Wins Distinguished Award

The *Propane Technology Review* recently received a Distinguished Technical Communication award in the Society for Technical Communication (STC), Washington, D.C., chapter's annual technical publications competition. The award is the highest of the competition's three levels of award and recognizes a technical publication that is "clearly superior in all areas" and "an outstanding example of technical communication principles," according to the STC.

PERC and Energetics Incorporated partnered to create this award-winning piece, which was published in April 2006. Based on industry input, the *Propane Technology Review* profiles propane technologies that hold tremendous promise for advancing propane's market share and recognition as a safe, clean, cost-effective fuel.

Developed as part of the ongoing technical communications program, it serves as one of many communication tools that report on and publicize achievements in propane research and development.

To download the *Propane Technology Review*, visit: http://www.propanecouncil.org/rd/tech_review.html.

R&D Revamps Website, Includes Fact Sheets

The Research and Development mission area recently revamped its website at www.propanecouncil.org/rd, which highlights the many propane projects that bring innovative products and services to consumers.

The website also includes four new fact sheets:



- The **Underground Tank Fact Sheet** describes research into new composite materials for underground tanks.
- The **Micro-Combined Heat and Power Systems (CHP) Technology Fact Sheet** describes the Yanmar micro-CHP engine project demonstrating propane's use as an efficient, economical prime power solution for commercial and residential applications.
- The **Kauai Marriott Project Fact Sheet** describes a project to design, install, and test a propane-fueled CHP system at the Kauai Marriott Resort and Beach Club in Lihue, HI.
- The **Remote Power Installations Fact Sheet** highlights research completed on four different distributed generation projects in Hawaii and Alaska.

These new fact sheets and others can be found at www.propanecouncil.org/rd/fact_sheets.html. For questions about PERC's R&D efforts, please contact Greg Kerr at (202) 452-8975 or greg.kerr@propanecouncil.org.

Propane Industry Strengthens Partnerships with Homebuilders

PERC Announces 2007 PROPANE Exceptional Energy® Homebuilder Awards

This year PERC is partnering with the National Association of Home Builders (NAHB), and other trade organizations and publications, to expand propane's outreach to builders.

In February, the propane industry participated in NAHB's 2007 International Builders' Show (IBS) in Orlando, FL, the largest light construction show in the world, which drew more than 100,000 attendees.

During the show, the Energy Guys, Propane and Electricity, presented the fifth annual *PROPANE Exceptional Energy®* Homebuilder Awards, recognizing innovative builders who use propane as the primary energy source to fuel projects they design and build.

The first award was presented to Doug Pearson of Lana'i Developers, LLC (Lana'i

City, HI), this year's winner in the \$250,000 or more category, nominated by Marvin Buenconsejo of The Gas Company of Hawaii.

The second award went to Chuck Skowronski of Outlook Construction (Hawley, PA), nominated by Wendi Nicholson of Eastern Propane (Oak Ridge, NJ), in the \$250,000 or under category.

The propane industry attracted more than 1,500 builders to its booth. Also, industry members met with reporters and editors from consumer and builder press to discuss propane's whole home benefits.

PERC will continue to expand its industry partnership by participating in the NAHB Green Building Conference in March in St. Louis, MO, and in NAHB's Custom Homebuilders Symposium in Naples, FL, in October.



Electricity and Propane talk with builders at the 2007 International Builders' Show.

Builder tradeshow materials are now available for the propane industry to use at local and regional builder shows through the IBS Extension Program (<http://propanecouncil.org/newsroom/ibs.cfm>). In addition to these materials, press releases, fact sheets, case studies, and other collateral materials used in the IBS booth are available through the Marketing Resource Center (MaRC) at <http://members.propanecouncil.org>.

For more information on the propane industry's builder outreach efforts, contact PERC's Tracy Burleson at (202) 452-8975 or tracy.burleson@propanecouncil.org. For more information on the IBS Extension Program, contact PERC's Grace Willis at (202) 452-8975 or grace.willis@propanecouncil.org.

2007 PROPANE Exceptional Energy® Homebuilder Award Winners



Above: Outlook Construction of Hawley, PA
Left: Lana'i Developers, LLC, of Lana'i City, HI

Help Improve Propane Metrics

PERC launched an initiative this year to improve the accuracy and usefulness of the propane industry's metrics on odorization and sales of propane. The campaign's focus is to expand industry participation in the annual *Sales of Natural Gas Liquids and Liquefied Refinery Gases* survey conducted by the American Petroleum Institute (API), and the terminal operators' odorization reports that PERC uses to benchmark its assessment collections.

"Unlike agriculture check-off programs whose sales information is collected by the government on a mandatory basis, both of the propane industry's key odorization and sales metrics are collected voluntarily," PERC President and CEO Roy Willis said. "PERC cannot change

that, but we can encourage the industry to work with us, to participate in both reports, in order to improve their accuracy and to ensure a level playing field for assessment collections. That's the purpose of this campaign."

PERC is enhancing its assessment support systems, including publishing updated guidelines, electronic remittance forms, an informational web link, and help desk support. PERC also has adopted a strict confidentiality policy that precludes any Council or staff member from accessing any company's volume or assessment information.

For more information, please visit www.propanecouncil.org or contact PERC's Jim Harris at jim.harris@propanecouncil.org or (202) 452-8975.

PERC Launches Campaign Extension Program

The Campaign Extension Program was introduced this year to help states and marketers strengthen their residential marketing plans by aligning them with the national campaign. This program provides the tools, materials, and guidelines to enhance the power of marketing efforts to reach homeowners and homebuilders. All materials for the Campaign Extension Program are organized into easily accessible

program kits available on the Propane Marketing Resource Center (MaRC) at <http://members.propanecouncil.org>.

The program focuses on a different promotion each quarter, and includes water heating, outdoor living, generators, home heating, and the ongoing underground tank campaign.

Please see the Marketing Exchange insert in this newsletter or contact Kelly Harris at (202) 452-8975 or kelly.harris@propanecouncil.org.

2007 Propane Industry Resource Catalogs Are Out!

The new 2007 Propane Industry Resource Catalog is now available! The full-color catalog features all the latest items for training and the newest materials featuring the Energy Guys, as well as information about PERC programs. To request a copy of the catalog or for more information, contact PERC's Alicia Dunn at (202) 452-8975 or alicia.dunn@propanecouncil.org, or visit www.propanecatalog.com.



Be sure to save the date for this year's Propane Days in Washington, D.C., June 11-13. The annual summit on Capitol Hill is an important opportunity for the industry to educate federal policymakers on propane. Tucker Carlson of MSNBC's "Tucker" and Andrew Card, former White House Chief of Staff and former Secretary of Transportation, will speak.

Registration and hotel reservations are available on www.npga.org. For more information, contact PERC's Grace Willis at (202) 452-8975 or grace.willis@propanecouncil.org.

Propane Engines

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Transportation Equity Act of 2005, also known as the Highway Bill (P.L. 109-59). The ultimate goal of the legislation, which went into effect on October 1, 2006, is to encourage the use of alternative fuels.

The Internal Revenue Service (IRS) has clarified that forklifts fit the definition of an off-highway business motor vehicle, and fuel used in a forklift is eligible for the 50-cent-per-gallon credit. Also, the IRS stated that only forklift operators are entitled to apply for the credit, not propane marketers. Forklift operators should be aware that the fuel they use for forklift operations will be eligible for a 50-cent-per-gallon credit if they properly register with the IRS.

Visit <http://www.propanecouncil.org/files/forkliftcredit.doc> for more information on the forklift tax credit or call Mike Troop at the National Propane Gas Association at 202-466-7200.

Blue Bird Vision School Bus

School districts across the country will soon be able to cut costs and reduce pollution by using propane instead of diesel engines. Blue Bird Corporation is making available full-sized propane-powered school buses beginning this summer, and the



pricing will be competitive with its diesel counterpart. The buses were developed by Blue Bird in partnership with Powertrain Integration, and research was funded through a grant by PERC.

Roush F-150 Pick-Up Truck

PERC has created an e-newsletter to promote and educate potential customers on

the new Roush F-150 dedicated propane pickup truck. The e-newsletter is being distributed to more than 8,000 current or potential propane fleet users as well as federal, state, and local government agencies. Additionally, approximately 8,000 propane industry members will receive the update. The e-newsletter will be published on a quarterly basis or when new information on the Roush F-150 program becomes available. Visit www.propanetruck.us for more information. To subscribe, please contact Greg Zilberfarb at greg@propanetruck.us.

For more information on PERC's engine fuel projects, contact Brian Feehan at brian.feehan@propanecouncil.org or (202) 452-8975.

RFD-TV Live

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and on the farm. The website, which was designed for the show, featured the three video segments that aired during the live show as well as two commercials with the Energy Guys – "Dream Home" and "Nervous Wreck." More than 400 people

visited the website in the first 24 hours following the broadcast, with more than 1,000 site visitors to date.

For more information, contact PERC's Mark Leitman at (202) 452-8975 or mark.leitman@propanecouncil.org.

Calendar

April 13, 2007 – Atlanta, GA

Council Meeting

June 11-13, 2007 – Washington, DC

Propane Days

July 19-20, 2007 – Washington, DC

Council Meeting

October 4-5, 2007 – Hot Springs, VA

Council Meeting

December 6-7, 2007 – Houston, TX

Council Meeting

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New Propane Safety Tools for 2007

CETP E-Learning

The propane industry has a powerful new training tool that greatly enhances propane marketers' ability to provide quality and consistent training to their employees in a cost- and time-efficient manner. The new CETP E-Learning "Basic Principles & Practices" DVD (PRC 009001) presents the industry's premiere employee safety training program (CETP) in a way that helps employees better retain important safety information while also reducing many of the challenges that propane marketers face in training their workforce.

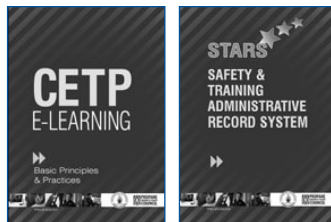
The CETP E-Learning DVD delivers all of the program's content and features, and includes interactive graphics and computer-based learning activities that are designed to simulate real-life conditions.

The e-learning program contains practice quizzes and a comprehensive pre-certification review. While this review is not the formal NPGA CETP certification test, it will allow the user and employer to gauge the employee's knowledge of what was learned from the program. At any time in the program, the user can take the pre-certification review or go directly to NPGA certification by visiting www.npga.org.

The e-learning program also has a "Safety & Training Administrative Record System (STARS)" DVD (PRC 009000) that allows employers to add company policies and logos, as well as view student records. This feature enables propane marketers to communicate their specific company's policies, while also monitoring employee progress.

The next two CETP E-Learning DVDs will be available later this year, and are titled "Delivery Basics and Operating a Cylinder Delivery Truck to Deliver Propane" and "Bobtail Delivery Operations."

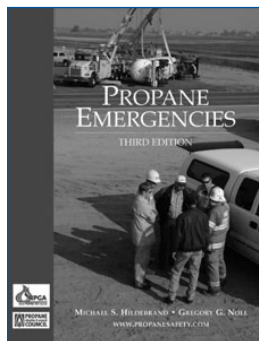
Questions about operating the program? The Help Desk (1-866-PERC-ELEARN) is available toll-free Monday through Friday from 10 a.m. to 6 p.m. (ET). For general questions about CETP E-Learning, please contact Courtney Gendron at courtney.gendron@propanecouncil.org or call (202) 452-8975.



Propane Emergencies

The Propane Emergencies (PE) program has grown from a single textbook to a comprehensive training curriculum adopted by official state firefighter training agencies and industry marketers alike. It continues to be the benchmark by which other hazardous materials training programs are measured.

Program authors Michael Hildebrand and Greg Noll worked with industry leaders to update and rewrite the textbook.



They expanded the recovery section and revised the text to keep it current with recent industry safety developments including Overfill Protection Devices, tank construction, and Fire Safety Analysis. The third edition of Propane Emergencies (PRC 007222) was released this spring.

GAS Check™

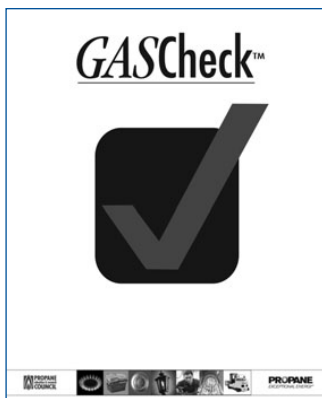
The launch of the GAS Check™ program in 1985 signified the beginning of an industry-wide effort to help reduce residential accidents involving propane. GAS Check™ remains a valuable safety program enabling propane industry marketers to systematically inspect customer installations for hazards and provide important safety information.

The GAS Check™ program has been updated to include two types of inspections, a *Gas System Check* and a *Gas Appliance System Check*, which are appropriate depending on the employee's experience. The *Gas System Check* can

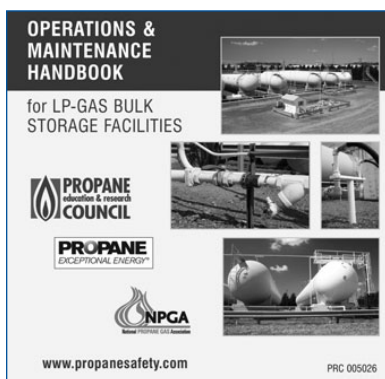
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To order any of these safety tools, contact the **Propane Industry Resource Catalog** online at <http://www.propanecatalog.com> or by calling (866) 905-1075.

be completed on the gas delivery system (containers, regulators, and appurtenances), and the *Gas Appliance System Check* can be completed on both the gas delivery system and all propane-burning appliances. The updated GAS Check™ program (PRC 005810) was released this spring.



Operations and Maintenance Manual

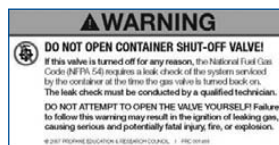


The latest edition of the Operations & Maintenance Handbook (PRC 005026) was released this year, and is now available for download by visiting www.propanesafety.com. This manual helps marketers comply with new requirements related

to the operations and maintenance (O&M) of bulk plant and industrial plant LP Gas systems. These requirements were added in the 2001 edition of NFPA 58 (the LP Gas Code) and remain in the 2004 edition. The manual is also available on CD-ROM.

Container Shut-Off Valve Label

The new Container Shut-Off Valve Label (PRC 001400) alerts propane customers of the legal requirement to have a leak check performed by a qualified technician whenever the container shut-off valve is turned off and warns of the serious safety risks associated with turning the valve back on without doing so. It is designed for use on all containers that are connected to gas systems covered by NFPA 54. This 4.25" x 2.25" high-gloss, permanent adhesive, crack-n-peel label is orange and white, and meets ANSI standards.



Updated Consumer Safety Education Materials, Including Spanish Translations

New, updated consumer safety materials are ideal for assisting marketers in educating customers on how to use propane safely and with their "duty-to-warn" compliance. The new publications include the comprehensive "Propane Safety Booklet" (PRC 005606) and two companion brochures: "Important Propane Safety Information for You and Your Family Brochure" (PRC 003121) and "Important Propane Safety Information for Users of Small Cylinders" (PRC 000017). The materials replace the current "Good Ideas for Propane Safety," "How's Your Nose," and "Safety Tips for Small Cylinders."



Spanish translations are now available for the "Propane Safety Booklet" (PRC 05606S) and "Important Propane Safety Information for You and Your Family Brochure" (PRC 03121S) as well as for the Safe Grilling bill stuffer (PRC 08501S).

Industry Feedback Tool

PERC has created an easy online feedback form for the propane industry to provide comments about PERC's safety and training products. The form is available at www.propanesafety.com or by contacting PERC's Courtney Gendron at courtney.gendron@propanecouncil.org or (202) 452-8975.

Bright Key

Bright Key, the propane industry's fulfillment specialists, offers years of mail service expertise that can benefit your business. Contact Darlene Thedans at (866) 905-1075 to learn more about how Bright Key can help you distribute these important safety education materials directly to your customers and maintain confidential customer mailing lists. Please note that this service is based on agreements strictly between propane marketers and Bright Key, and PERC has no involvement in this service. For more information, contact PERC's Alicia Dunn at (202) 452-8975 or alicia.dunn@propanecouncil.org.

To order any of these safety tools, contact the *Propane Industry Resource Catalog* online at <http://www.propanecatalog.com> or by calling (866) 905-1075.

the marketing exchange

FIELD-TESTED PROGRAMS YOU CAN USE TO SUCCESSFULLY REACH YOUR CUSTOMERS.

Campaign Extension Program

Download seasonal marketing kits from the Propane Marketing Resource Center (MaRC)

The Propane Education & Research Council (PERC) created the Campaign Extension Program in response to industry members asking for guidance on bringing national campaign themes and strategies into their market. The national campaign becomes a powerful marketing tool when it is extended to regional and local campaigns by state associations and industry members. In fact, research shows that state participation in the national campaign contributes to building awareness and favorability for propane. The local level is where the best opportunity exists to increase sales.

The Campaign Extension Program helps states and marketers strengthen residential marketing plans by aligning them with the national campaign. This new program provides the tools, materials, and guidance to enhance the power of your marketing efforts to reach homeowners and homebuilders.

Marketing kits are available on the Propane Marketing Resource Center (MaRC). Log on today at: <http://members.propanecouncil.org>

Each quarter will feature a new comprehensive kit to make it quick and easy to implement the theme locally. The kits will be available year-round to use when planning your marketing campaigns. The schedule of topics for 2007 is as follows:

TIMING	FEATURED TOPIC	NATIONAL TV ADVERTISING DATES FOR THESE THEMES
1st Quarter	WATER HEATING	February 19 – April 1
2nd Quarter	OUTDOOR LIVING	April 16 – May 15
3rd Quarter	GENERATORS	September 3 – October 14
4th Quarter	HOME HEATING	October 15 – November 18
Continuous	UNDERGROUND TANKS	

Resources:

- MaRC <http://members.propanecouncil.org>
- MaRC Help [Kelly Harris \(202\) 452-8975 or kelly.harris@propanecouncil.org](mailto:kelly.harris@propanecouncil.org)
- Resource Catalog www.propanecatalog.com
- Resource Catalog Help [Alicia Dunn \(202\) 452-8975 or alicia.dunn@propanecouncil.org](mailto:alicia.dunn@propanecouncil.org)



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PROPANE MARKETER COMPLIANCE

NEW S L E E T T E R

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INSIDE THIS ISSUE

3 Biggest Propane Regulatory Story in 2006

2006 Federal Regulatory Actions

Similar to 2005, calendar year 2006 produced few federal regulatory changes that had impact on propane operations. Rather than announcing new regulations for the propane industry, many of the notices that appeared in the Federal Register addressed the relationship between federal government regulatory agencies and their state government counterparts, and joint efforts to make existing regulatory programs operate more efficiently.

In 2006, U.S. Department of Transportation (DOT) motor carrier safety regulatory efforts focused on regulatory issues requiring federal-state cooperation in the areas of commercial motor vehicle driver records, motor carrier safety ratings, and sharing of data collected in enforcement actions. The Pipeline and Hazardous Materials Safety Administration (PHMSA) followed the same trend, and focused on publicizing its name change from Research and Special Programs Administration (RSPA), coordinating existing programs with state government programs, and working toward "harmonizing" U.S. hazardous materials regulations with the United Nations' Recommendations on the Transport of Dangerous Goods (U.N. Model Regulations), International Standards Organization (ISO), and European hazardous materials transportation model program.

The Environment Protection Agency (EPA) implemented new rules to lower the sulfur content of diesel fuel and add more stringent emission standards for truck diesel engines. The EPA also implemented incremental emission standards changes for mobile and stationary emissions sources, and revised oil spill prevention program requirements for small businesses that store limited quantities of petroleum products.

The following is a snapshot of new or changed federal regulations published in 2006.

2006 Federal Regulatory Actions Related to the Propane Industry

To read the referenced documents online in the Federal Register, visit www.access.gpo.gov/su_docs/fedreg/frcont06.html

June

Federal Register Date

Federal Register/Vol. 71, No. 120 / Thursday, June 22, 2006 / Rules and Regulations, pp 35819-35834

Department/Agency

DOT/FMCSA

Subject, Regulatory Change or Compliance Procedure Change

FMCSA amended its September 27, 2002, final rule concerning protection against shifting and falling cargo for commercial motor vehicles (CMVs) operated in interstate commerce.

Effective Date: July 24, 2006



Federal Regulatory Changes *continued from page 1*

Federal Register Date

Federal Register/Vol. 71, No. 112 / Monday, June 12, 2006 / Rules and Regulations / pp 33858-33896

Department/Agency

PHMSA

Subject, Regulatory Change or Compliance Procedure Change

In this final rule, PHMSA amended the Hazardous Materials Regulations (HMR) to add standards for the design, construction, maintenance, and use of cylinders and multiple-element gas containers based on the standards contained in the United Nations Recommendations on the Transport of Dangerous Goods. Existing cylinder standards based on DOT specifications remain unaffected by these changes.

Effective Date: September 11, 2006

August

Federal Register Date

Federal Register/ Vol. 71, No. 163 / Wednesday, August 23, 2006 / Rules and Regulations, pp 49382-49384

Department/Agency

DOT/Office of the Secretary

Subject, Regulatory Change or Compliance Procedure Change

DOT added state-licensed or certified marriage and family therapists to the list of credentialed professionals eligible to serve as substance abuse professionals under Subpart O of 49 CFR Part 40. The Department also made a series of technical amendments to its drug and alcohol testing procedural rule.

Effective Date: September 22, 2006

November

Federal Register Date

Federal Register/Vol. 71, No. 226 / Friday, November 24, 2006 / Rules and Regulations / pp 67792-67800

Department/Agency

FHWA

Subject, Regulatory Change or Compliance Procedure Change

The Federal Highway Administration established a new Part in Title 23, Code of Federal Regulations (CFR), that requires the use of high-visibility safety apparel and provides guidance on its application. This rulemaking applies only to workers who are working within the rights-of-way of federal-aid highways.

[In the new regulation] Workers means people on foot whose

duties place them within the right-of-way of a federal-aid highway, such as highway construction and maintenance forces, survey crews, utility crews, and responders to incidents within the highway right-of-way, and law enforcement personnel when directing traffic, investigating crashes, and handling lane closures, obstructed roadways, and disasters within the right-of-way of a federal-aid highway.

Effective Date: November 24, 2008

December

Federal Register Date

Federal Register/Vol. 71, No. 247 / Tuesday, December 26, 2006 / Rules and Regulations / pp 77266-77293

Department/Agency

EPA

Subject, Regulatory Change or Compliance Procedure Change

EPA amended the Spill Prevention, Control, and Countermeasure (SPCC) Plan requirements by: (1) providing the option for owners and operators of facilities that store 10,000 gallons of oil or less and meet other qualifying criteria to self-certify their SPCC Plans in lieu of review and certification by a professional engineer; (2) providing an alternative to the general secondary containment requirement without requiring a determination of impracticability for facilities that have particular types of oil-filled equipment; (3) defining and exempting particular vehicle fuel tanks and other on-board bulk oil storage containers used for motive power; (4) exempting mobile refuelers from the sized secondary containment requirements for bulk storage containers.

Effective Date: February 26, 2007

Federal Register Date

Federal Register/Vol. 71, No. 245 / Thursday, December 21, 2006 / Proposed Rules / pp 76796-76832

Department/Agency

FMCSA

Subject, Regulatory Change or Compliance Procedure Change

FMCSA proposed regulations for entities offering intermodal chassis to motor carriers for transportation of intermodal containers in interstate commerce. The proposed regulations would make Intermodal Equipment Providers (IEPs) subject to the Federal Motor Carrier Safety Regulations for the first time. The agency also proposed additional inspection requirements for motor carriers and drivers operating intermodal equipment.

Biggest Propane Regulatory Story in 2006

Last year, the biggest federal propane regulatory story was not the creation or modification of an existing regulation. Instead, it was a special permit that was issued to provide limited relief from a long-standing regulation prohibiting the transportation of a stationary ASME tank larger than 125 gallons water capacity with more than 5 percent liquid propane inside. In case you missed the story in the *Propane Marketer Compliance Newsletter* (Vol. 8, No. 3), the special permit details are as follows:

On June 16, 2006, the Pipeline and Hazardous Materials Safety Administration (PHMSA) granted Special Permit (SP-13341) to the National Propane Gas Association (NPGA) as an agent for its members. The permit allows the transportation of ASME consumer storage tanks containing propane in an amount greater than 5 percent of the tank's water capacity, provided the terms of the special permit are met. Currently, 49 CFR 173.315(j)(4) prohibits this activity.

Requirements of the exemption include:

A. The exemption applies to non-DOT specification storage containers (ASME tanks) for liquefied petroleum gas, designed for permanent installation on consumer premises. Each container must conform to the following description:

1. Be stamped with the ASME Code "U".
2. Have a water capacity not exceeding 500 gallons.

B. Operational (Safety) Controls:

1. The maximum filling density must not exceed that specified in § 173.315 (b).
2. Prior to loading the container on the vehicle, a trained and qualified person must inspect and record each container for leaks, corroded or abraded areas, dents, distortion, defects in welds, and any other condition that renders it unsafe for transportation. The record of this inspection must be legibly signed and dated by the person performing the inspection. The signature on the

inspection record certifies that the container has been inspected and has no defects that would make it unsafe for transportation under the special permit. The inspection record must be maintained by the grantee [marketer] for two years and contain the following information for each tank:

- a. Container serial number
 - b. Container water capacity
 - c. Estimated quantity of propane in the container
 - d. Container disposition (dents, rust, etc.)
 - e. Origin and destination of shipment
3. Only one storage container tank at a time may be transported on a motor vehicle.
 4. Containers must be lifted by slings, which must be completely wrapped around the container. Lifting lugs may not be used to move the container.
 5. Slings must be rated to a weight sufficient to accommodate the container and lading, and shall comply with ASME B30.9 on slings used for lifting purposes. Slings must be visually inspected prior to each use. A sling showing tears, fraying, or other signs of excessive wear may not be used.
 6. Storage containers must be placed on the vehicle in a cradle so that supporting legs will not have weight placed on them during transportation.
 7. Storage container bracing must conform with the requirements of § 177.834 (a) and § 173.315 (j) (3), and National Fire Protection Association (NFPA) Publication 58, Section 6-5.2 (Transportation of Containers).
 8. Each tank transported under the special permit must be loaded and secured on a motor vehicle so that the tank is completely within the envelope of the vehicle and does not extend beyond the vehicle frame.
 9. Tow trailers used to carry tanks covered by the special permit must provide adequate rear-end protection for the tank that meets 49 CFR § 393.86.

continued on page 4

Biggest Story *continued from page 3*

- C. Only private carriers are authorized under the special permit. Only one-way transportation is authorized—from the consumer premises to the tank owner’s nearest bulk plant facility.
- D. A current copy of the special permit must be carried aboard each motor vehicle used to transport ASME tanks covered by the special permit.
- E. Each “Hazmat employee,” as defined in § 171.8, who performs a function subject to the special permit must receive training on the requirements and conditions of the special permit in addition to the training required by §§ 172.700 through 172.704.



In addition to the Special Permit text itself, training material may be found, in part, in the following CETP modules:

- 2.5.1 Identifying Equipment and Operating

- Procedures Typically Used on ASME Tank Delivery Vehicles
- 2.5.2 Examining, Maintaining, and Operating ASME Tank Setting Trailers
- 2.5.3 Verifying Proper ASME Tank Condition Prior to Loading
- 2.5.4 Loading and Securing ASME Tanks Using Truck-Mounted Company-Owned Cranes
- 2.5.7 Transporting ASME, DOT Portable, and Intermodal (IM) Tanks

This special permit is available for NPGA members only. Propane marketers who are not NPGA members may file for an individual company Special Permit, or apply to become a party to the Special Permit, by going to the PHMSA website at www.hazmat.dot.gov/sp_app/approvals/exsys.htm or by calling the Office of Hazardous Materials Special Permits and Approvals at (202) 366-4535 .

Do you have compliance issues or concerns that are of particular interest to you and that would be helpful to others in the propane industry if covered in this newsletter?

Send your feedback to Gordon Frey via fax at 270-753-9807 or by email to g.frey@its-training.com.