

# 2017 Kansas Pipeline Safety Seminar

Presented by the Kansas Corporation Commission

## Agenda for Tuesday, October 24th

### Main Room

8:00-9:00

Coffee & Registration

9:00-9:15

Opening Remarks - Leo Haynos

9:15-9:50

Kansas State Fire Marshal Office, Lamar Shoemaker: Case Study of Beverly KS Explosion Investigation

9:50-10:00

Suppliers Introduction of New Products

10:00-10:30

Break

10:30-11:45

John Erickson, American Public Gas Association: New OQ Rule and Process Safety Management Systems (PSMS)

Noon-1:00

Lunch in Main Room

### Main Room

### Room D

### Room E

### Room F

### Prairie

### Sunflower

1:00-1:50

Sizing Commercial EFVs -  
Gary Glenn, Groebner  
and Associates

Trench Safety - Dave  
Redlin, Progressive  
Environmental and  
Safety Consulting  
Services

Public Awareness  
Effectiveness  
Assessment: small  
operators-Steve Prue,  
Midwest Energy

MAOP Verification-Gary  
McDonald, PHMSA

Emergency Response  
Action Chart (ERAC): KCC  
Municipal Workshop  
Presenters

1:50-2:00

Break

Break

Break

### Main Room

2:00-3:30

Pipeline Safety Management Systems Panel Discussion: Safety Considerations while Working in Venting Gas Atmosphere - Doug Shatas (Atmos); Leo Haynos(KCC); John Erickson(APGA); Steve Prue(Midwest Energy); Larry Claycomb(Black Hills) Randy Spector (KGS)

### Main Room

### Room D

### Room E

### Room F

### Prairie

### Sunflower

3:40-4:30

One Call: Explaining ITIC  
and ticket check, Max  
Pendergras, Kansas-811

Sizing Commercial EFVs -  
Gary Glenn, Groebner  
and Associates

Trench Safety - Dave  
Redlin, Progressive  
Environmental and  
Safety Consulting  
Services

Pressure Regulator  
Troubleshooting- Brett  
Kepler, KGM Gas

Infrastructure Security  
Threats - Black  
Hills/Paradigm

Joey Lamond, Flint Hills  
Group: Case Study of  
municipal operators in  
developing mutual aid  
and OQ training  
program.

# Kansas Corporation Commission

## 2017 Kansas Pipeline Safety Seminar

### Agenda for Wednesday, October 25th

**Main Room**

**8:30-9:30** PHMSA TQ Regulatory Update and new PHMSA Reporting Requirements-Gary McDonald, PHMSA

**9:30-10:00** Break

	<u>Main room</u>	<u>Room D</u>	<u>Room E</u>	<u>Room F</u>	<u>Prairie</u>	<u>Sunflower</u>
<b>10:00-10:50</b>	One Call: Explaining ITIC and ticket check	DOT Rules for Securing Loads on Trucks - Wade Patterson, KCC		MAOP Verification	Gas Distribution Concerns- What keeps you up at night? Larry Claycomb, Black Hills	Emergency Response Action Chart (ERAC)
<b>11:00-Noon</b>		DOT Rules for Securing Loads on Trucks - Wade Patterson, KCC	Emergency Plans: Code Requirements- Gary McDonald, PHMSA	Stray Gas Analysis- Randy Spector, KGS	Infrastructure Security Threats - Black Hills/Paradigm	Pressure Regulator Troubleshooting- Brett Kepler, KGM Gas
<b>Noon-1:00</b>	<b>Lunch in Main Room</b>					

	<u>Main room</u>	<u>Room D</u>	<u>Room E</u>	<u>Room F</u>	<u>Prairie</u>	<u>Sunflower</u>
<b>1:00-1:50</b>		New Operators: what to expect from a KCC inspection-Lyle Powers, KCC	Public Awareness Effectiveness Assessment: Large Operators - Steve Prue, Midwest Energy	Stray Gas Analysis - Randy Spector, KGS	Gas Distribution Concerns- What keeps you up at night? Larry Claycomb, Black Hills	Emergency Plans: Code Requirements- Gary McDonald, PHMSA

**1:50 - 2:00** Break

**Main Room**

**2:00-3:30** Topics of Discussion and Wrap up in Main Room - Leo Haynos

***Thank you for attending.***

Kansas Corporation Commission  
Pipeline Safety Seminar  
October 24-25, 2017

Courtyard by Marriott  
Junction City, Kansas

**Description of Agenda Topics:**

**TUESDAY, OCTOBER 24**

**9:15-9:50**

*Case Study of Beverly KS Explosion Investigation:* Kansas State Fire Marshal Office; Lamar Shoemaker: Discussion of the State Fire Marshal's Office in investigating fires/explosions involving natural gas. Inside piping failure led to house explosion that occurred on October 19, 2016 near Beverly, Kansas. Presentation will discuss how gas operators and first responders work together to protect evidence after an incident.

**10:30-11:45**

*New OQ Rule and Process Safety Management Systems (PSMS):* John Erickson, American Public Gas Association (APGA): Discussion of proposed expansion of scope of OQ Rule; adopting API 1173, Pipeline Safety Management Systems (SMS), for small operators.

**1:00-1:50**

*Sizing Commercial Excess Flow Valves:* As of April 14, 2017, operators are required to install EFVs on new service lines serving multi-family residences and commercial customers. EFVs designed for commercial loads must consider fluctuating gas usage in order to avoid nuisance activations. Discussion will provide insight into how EFVs work and sizing considerations. Will Repeat.

*Trench Safety:* Dave Redlin with Safety Consulting Services will discuss safety concerns with working in trenches and OSHA's requirements for safe trench operations. Will Repeat.

*Public Awareness Effectiveness Assessment for SMALL Operators:* Steve Prue with Midwest Energy will discuss what is required to be in an effectiveness assessment to meet the requirements of Part 192.616.

*MAOP Verification:* PHMSA TQ will discuss the Part 192 requirements for verifying Maximum Allowable Operating Pressure for transmission lines. Will Repeat.

*“ERAC” – Emergency Response Action Chart:* ERAC is an emergency flow chart for multiple scenarios from the beginning to the end of a leak emergency or investigation. ERAC was created by Kansas Municipal Operators to help identify the required forms and documentation needed to complete and document response to an action. Will Repeat.

### **2:00-3:30**

*Panel Discussion on Pipeline Safety Management Systems ( PSMS): Safety Considerations while working in venting gas atmosphere:* Safety code (192.751) requires operator to “take steps to minimize the danger or accidental ignition. PSMS provides guidance to an operator to set safety expectations that go beyond meeting minimum compliance requirements. Panel Participants: Doug Shatas (Atmos); Leo Haynos (KCC); John Erickson (APGA); Steve Prue (Midwest Energy); Larry Claycomb (Black Hills); Randy Spector (KGS).

### **3:30-4:30**

*Explaining ITIC and Ticket Check:* Kansas 811 will discuss features available to operators and excavators that are included on a locate request. ITIC allows tickets to be initiated through the internet; Ticket Check allows the operator to inform the excavator the locates are completed or the site is cleared by using a smart phone or the internet. Will Repeat.

REPEAT *Sizing Commercial Excess Flow Valves:* As of April 14, 2017, operators are required to install EFVs on new service lines serving multi-family residences and commercial customers. EFVs designed for commercial loads must consider fluctuating gas usage in order to avoid nuisance activations. Discussion will provide insight into how EFVs work and sizing considerations.

REPEAT *Trench Safety:* Dave Redlin with Safety Consulting Services will discuss safety concerns with working in trenches and OSHA’s requirements for safe trench operations.

*Public Awareness Effectiveness Assessment for LARGE Operators:* Steve Prue with Midwest Energy will discuss what is required to be in an effectiveness assessment to meet the requirements of Part 192.616.

*Pressure Regulator Troubleshooting:* Brett Kepler with KGM will discuss how to troubleshoot your regulator station. Will discuss single points of failure that could lead to a regulator station malfunction either shutting off all gas flow or letting full pressure into your system. Will Repeat.

*Infrastructure Security Threats:* Black Hills and Paradigm will discuss physical and cyber security of natural gas systems. Will Repeat.

*Case Study for initiating an OQ training program and developing mutual aid agreements:* The Flint Hills group will discuss how their grass roots effort for nine municipal operators worked

together to develop an effective operator qualification program. Their efforts had the additional impact of developing an emergency mutual aid program.

### **WEDNESDAY, OCTOBER 25**

#### **8:30-9:30**

*Regulatory Update and PHMSA Reporting Requirements:* Gary McDonald with PHMSA-TQ will discuss the latest regulations from PHMSA.

#### **10:00-10:50**

REPEAT: *Explaining ITIC and Ticket Check:* Kansas 811 will discuss features available to operators and excavators that are included on a locate request. ITIC allows tickets to be initiated through the internet; Ticket Check allows the operator to inform the excavator the locates are completed or the site is cleared by using a smart phone or the internet.

*Securing Loads on Trucks:* KCC Transportation division will discuss the DOT requirements for Securing loads when hauling items such as backhoes or pipe. Will Repeat.

REPEAT: *MAOP Verification:* PHMSA TQ will discuss the Part 192 requirements for verifying Maximum Allowable Operating Pressure for transmission lines.

*Gas Distribution Concerns –What keeps you up at night?* Black Hills will conduct a discussion with participants about concerns with the day-to-day operation of a gas system. Please use form on desk to hand in questions early or bring up any concerns during the session. Will Repeat.

REPEAT: *“ERAC” – Emergency Response Action Chart:* ERAC is an emergency flow chart for multiple scenarios from the beginning to the end of a leak emergency or investigation. ERAC was created by Kansas Municipal Operators to help identify the required forms and documentation needed to complete and document response to an action.

#### **11:00-12:00**

REPEAT: *Securing Loads on Trucks:* KCC Transportation division will discuss the DOT requirements for Securing loads when hauling items such as backhoes or pipe.

*Emergency Plan Code Requirements:* PHMSA TQ will discuss the Part 192 requirements for emergency plans. Will Repeat.

*Stray Gas Investigation:* Kansas Gas Service will present on steps to take to determine if methane found during leak surveys is from a source other than an pipeline (vegetation, cattle feeding operation, landfill). (Video on USB stick) Will Repeat.

REPEAT: *Infrastructure Security Threats:* Black Hills and Paradigm will discuss physical and cyber security of natural gas systems.

REPEAT: *Pressure Regulator Troubleshooting:* Brett Kepler with KGM will discuss how to troubleshoot your regulator station. Will discuss single points of failure that could lead to a regulator station malfunction either shutting off all gas flow or letting full pressure into your system.

**1:00-1:50**

*What to Expect from a KCC audit?* Presentation designed for new operators to provide an outline of preparing for a KCC pipeline safety audit.

*Public Awareness Effectiveness Assessment for LARGE Operators:* Steve Prue with Midwest Energy will discuss what is required to be in an effectiveness assessment to meet the requirements of Part 192.616.

REPEAT: *Stray Gas Investigation:* Kansas Gas Service will present on steps to take to determine if methane found during leak surveys is from a source other than an pipeline (vegetation, cattle feeding operation, landfill). (Video on USB stick).

REPEAT: *Gas Distribution Concerns –What keeps you up at night?* Black Hills will conduct a discussion with participants about concerns with the day-to-day operation of a gas system. Please use form on desk to hand in questions early or bring up any concerns during the session.

REPEAT: *Emergency Plan Code Requirements:* PHMSA TQ will discuss the Part 192 requirements for emergency plans.

**2:00-3:00**

*Topics of Discussion and Wrap up* - Leo Haynos, KCC.