U.S. Department of Transportation
Pipeline and Hazardous
Materials Safety
Administration

2016 Gas State Program Evaluation

for

KANSAS CORPORATION COMMISSION

Document Legend PART:

- O -- Representative Date and Title Information
- A -- Progress Report and Program Documentation Review
- B -- Program Inspection Procedures
- C -- Program Performance
- D -- Compliance Activities
- E -- Incident Investigations
- F -- Damage Prevention
- G -- Field Inspections
- H -- Interstate Agent State (If Applicable)
- I -- 60106 Agreement State (If Applicable)



2016 Gas State Program Evaluation -- CY 2016 Gas

State Agency: Kansas Rating:

Agency Status: 60105(a): Yes 60106(a): No Interstate Agent: No

Date of Visit: 03/20/2017 - 03/24/2017

Agency Representative: Leo Haynos, Chief of Gas Operations & Pipeline Safety

PHMSA Representative: Patrick Gaume, USDOT/State Programs Commission Chairman to whom follow up letter is to be sent:

Name/Title: Mr. Pat Apple, Chairman

Agency: Kansas Corporation Commission
Address: 1500 SW Arrowhead Road
City/State/Zip: Topeka, Kansas 66604-4027

INSTRUCTIONS:

Complete this evaluation in accordance with the Procedures for Evaluating State Pipeline Safety Program. The evaluation should generally reflect state program performance during CY 2016 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less then the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

Field Inspection (PART G):

The field inspection form used will allow different areas of emphasis to be considered for each question. Question 13 is provided for scoring field observation areas. In completing PART G, the PHMSA representative should include a written summary which thoroughly documents the inspection.

Scoring Summary

	Possible Points	Points Scored
Progress Report and Program Documentation Review	10	10
Program Inspection Procedures	13	13
Program Performance	49	49
Compliance Activities	15	15
Incident Investigations	11	11
Damage Prevention	8	8
Field Inspections	12	12
Interstate Agent State (If Applicable)	0	0
	0	0
LS	118	118
ating		100.0
	Program Inspection Procedures Program Performance Compliance Activities Incident Investigations Damage Prevention Field Inspections	Program Inspection Procedures 13 Program Performance 49 Compliance Activities 15 Incident Investigations 11 Damage Prevention 8 Field Inspections 12 Interstate Agent State (If Applicable) 60106 Agreement State (If Applicable) 0 LS 118



PART A - Progress Report and Program Documentation Review

Points(MAX) Score

1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress Report Attachment 1 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluat	for Notes:		
A1 cor KS	Yes. Attachment 1 is correct and is consistent with attachment 3 and attachment 8. The KS asidering to amend the State Statute to extend authority over jurisdictional gathering lines. As a Program Evaluation, Attachments 1 & 3 will continue to show gathering line Operators and the track of those operators and Units as the law is expected to be corrected within 3 years.	per discus	sion in the 2016
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 Yes = 1 No = 0 Needs Improvement = .5	1	1
A2	for Notes: . Yes. Conducted a review of the 2016 KSCC Progress Report and found the number of insperiod office files. No issues were found. 486 inspection days	ection day	s entered matched
3	Accuracy verification of Operators and Operators Inspection Units in State - Progress Report Attachment 3 Yes = 1 No = 0 Needs Improvement = .5	1	1
A3 Ka Le dis	for Notes: . Yes. Verified the number of operators and inspection units on Attachment 3 matched the observation Commission (KSCC) by reviewing office files. No issues and information is gislative Team is considering to amend the State Statute to extend authority over jurisdictiona cussion in the 2016 KS Program Evaluation, Attachments 1 & 3 will continue to show gathering to purpose is to not lose track of those operators and Units as the law is expected to be corrected.	correct. I gathering ng line Op	The KSCC slines. As per perators and Units.
	Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4 Yes = 1 No = 0 Needs Improvement = .5 or Notes: Yes. Attachment 4 correctly shows that there were three significant Gas incidents in 2016.	1	1
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluat	or Notes:		
A5	. Yes. Reviewed Attachment 5, No issues found.		
6 Evaluat	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 Yes = 2 No = 0 Needs Improvement = 1 or Notes:	2	2
	Yes. Official files are mostly electronic with some paper. The electronic files are easy to fi	nd but the	paper files got



Attachment 7

Yes = 1 No = 0 Needs Improvement = .5

7

Evaluator Notes: A7. Yes. A detailed review of employees listed on Attachment 7 was conducted and compared to the SABA training transcript. No areas of concern. 4.80 inspector-years

moved and had to be searched for. The official files are expected to be all electronic by the end of 2017.

Was employee listing and completed training accurate and complete? - Progress Report

1

8 Verification of Part 192,193,198,199 Rules and Amendments - Progress Report Attachment 8

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A8. Yes. A review of PHMSA State Program rules and regulations in SharePoint indicated civil penalty amount for a single violation is below the required amount of \$100,000. KSCC amount is \$25,000. We discussed increasing the amount to the federal level in the future. All rules and amendments listed in Attachment 8 have been adopted within the required time schedule of three years after the effective date. The KSCC Legislative Team is considering to amend the State Statute to extend authority over jurisdictional gathering lines. As per discussion in the 2016 KS Program Evaluation, Attachments 1 & 3 will continue to show gathering line Operators and Units. The purpose is to not lose track of those operators and Units as the law is expected to be corrected within 3 years.

List of Planned Performance - Did state describe accomplishments on Progress Report in detail - Progress Report Attachment 10

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A9. Yes. A review of Attachment 10 found a good summary of planned and past performances by KSCC. No issues of concern.

10 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

A10. No loss of points occurred in this section. The year-end Progress Report is consistent with KSCC records and no errors were found. KSCC has generally met the requirements of Part A.

Total points scored for this section: 10 Total possible points for this section: 10

- 1 Standard Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.
- 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

- B1. Yes. A review of KSCC Pipeline Safety Section Procedures, Section 5.1.4.1 found the following: Gas Pipeline Safety Section inspectors shall perform a formal standard audit of each inspection unit at least once every three years or as determined by the Risk Model, Pre-inspection guidance is Section 5.1.3.1 & Post-Inspection is Section 5.1.3.3. No issues.
- 2 IMP and DIMP Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

- B2. Yes. KSCC Pipeline Safety Section Procedures, Sections 5.1.4.4 and 5.1.4.5 address these items as listed below: (IMP) All transmission inspection units will be audited for changes in the HCA mileage as part of the formal standard inspection. (DIMP) All DIMP inspection results will be uploaded into the PHMSA DIMP database. Within three years of the initial inspection, each identified segment in a distribution operator's DIMP plan will be evaluated to assure an adequate evaluation of the effectiveness of its DIM plan is complete and the risk ranking is appropriate. Re-inspection interval is 5 years. Preinspection guidance is Section 5.1.3.1 & Post-Inspection is Section 5.1.3.3.
- 3 OQ Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

- B3. Yes. KSCC Pipeline Safety Section Procedures, Section 5.1.4.6 address this item as listed below: Protocol 9 field inspections for OQ will be completed as part of each formal standard inspection. All Protocol 9 results will be recorded on PHMSA inspection form 15 GT OQ Inspection IA and loaded into the PHSMA OQ database. Re-inspection interval is 5 years. Pre-inspection guidance is Section 5.1.3.1 & Post-Inspection is Section 5.1.3.3.
- Damage Prevention Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, postinspection activities.

1

Yes = 1 No = 0 Needs Improvement = .5

- B4. Yes. This is covered during Standard inspections under 192.614. KSCC Pipeline Safety Section Procedures, Section 7.1. address this item as listed below: Damage prevention inspections or "One Call" inspections are driven by complaints. Staff will try to facilitate resolution of the complaint by getting the two parties, (excavator and utility), to communicate. If violations of the statute persist or are egregious, Staff will issue a Probable Noncompliance to the party believed to have found in Section 5.1.6 of this manual. Pre-inspection guidance is Section 5.1.3.1, 5.1.4.10, & Post-Inspection is Section 5.1.3.3.
- violated the statutes or the regulations. Procedures for completion of the Notice of Probable Noncompliance process can be
- 5 Any operator training conducted should be outlined and appropriately documented as 1 needed.

Yes = 1 No = 0 Needs Improvement = .5

B5. Yes, KSCC Pipeline Safety Section Procedures, Section 5.1.4.3 address this item as listed below. Municipal operator training will be coordinated with the Flint Hills group and Kansas Municipal Utilities. If available, inspectors will participate as observers in the training exercises and load the results in the PHMSA database as Protocol 9 inspections if applicable: 1.



Any municipal operator in need of training will be directed to one of the municipal groups that provide such training. If possible, the inspector will attend a portion of the training session to verify that personnel are effectively trained in emergency response requirements; 2. Pipeline Safety and Damage Prevention inspectors will also provide training on excavator awareness and utility locator issues as appropriate. This includes onsite training after a damage occurs or when other organized opportunities are available for presenting to larger groups.

6 Construction Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1 1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

B6. Yes, KSCC Pipeline Safety Section Procedures, Section 5.1.4.2. This item is listed below. Construction inspections will be done on a random basis. The Gas Pipeline Section will review at least 30% of those construction activities that are submitted to the department pursuant to K.A.R. 82-11-7. If appropriate, and depending on the availability of procedures, construction inspections will include an OQ inspection using the PHMSA form 15. All Protocol 9 inspections will be loaded into the PHMSA OQ database. Pre-inspection guidance is Section 5.1.3.1 & Post-Inspection is Section 5.1.3.3.

7	unit,	s inspection plan address inspection priorities of each operator, and if necessary each based on the following elements? = 6 No = 0 Needs Improvement = 1-5	6		6
	a.	Length of time since last inspection (Within five year interval)	Yes •	No 🔾	Needs Improvement
	b. comp	Operating history of operator/unit and/or location (includes leakage, incident and liance activities)	Yes •	No 🔾	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes	No 🔾	Needs Improvement
	d. areas,	Locations of operators inspection units being inspected - (HCA's, Geographic, Population Density, etc)	Yes •	No 🔾	Needs Improvement

e. Process to identify high-risk inspection units that includes all threats - (Excavation Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, Operators and any Other Factors)

Yes No Improvement

Improvement

No ()

f. Are inspection units broken down appropriately?

Evaluator Notes:

B7. Yes x 6. this information is listed in KSCC Pipeline Safety Section Procedures, Section 5.1.2.1. For formal standard inspections, inspections for each inspection unit will be derived based on a risk ranking. Factors to be included and their rationale are:

- * Date of last inspection All inspection units are scored such that each unit is inspected at least once every two years.
- * Noncompliance history for last three years More than 4 nopv will require annual follow up; more than 1 nopv may require annual followup
- * Percentage of Lost & Unaccounted for gas L&U greater than 5% increases risk and may require followup; usually accounting error but it indicates a possible lack of understanding and recordkeeping shortcomings.
- * Percentage of miles of unprotected bare steel pipe More than 5% UPBS increases risk and may require inspection.
- * Percentage of miles of bare pipe More than 35% BS (protected and unprotected) will require annual inspection; more than 5% Bare steel increases risk and may require annual inspection.
- * Number of meters located at inspection unit Surrogate for population density since almost all distribution is Class 3. If more than 10,000 meters will require annual inspection as towns of that size will also have the most Class 4 piping if any or a larger business district therefore higher risk.
- * Employee attrition/ experience level for small operators (assigned by KCC Staff)
- * Subjective assignment based on operators abilities as observed by Staff. Special considerations/Confidence level (assigned by KCC Staff. This also includes the type of activity being undertaken by operator) Subjective assignment based on knowledge of staff regarding the experience level of the operator. Also considers the operator's compliance culture.

8 General Comments: Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

B8. No loss of points occurred in this section. KSCC has generally met the requirements of Part B. KSCC Procedures are in good order.



1	Was ratio of Total Inspection person-days to total person days acceptable? (Director of State Programs may modify with just cause) Chapter 4.3 $Yes = 5 No = 0$	5		5
	A. Total Inspection Person Days (Attachment 2): 486.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 4.80 = 1055.63			
	Ratio: A / B 486.00 / 1055.63 = 0.46			
	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
Evaluato C1.	or Notes: Yes. 4.80 IPY, 1056 IPD, 486 afo days, 486/1056= 0.460, >.38, okay.			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines Appendix C for requirements) Chapter 4.4 Yes = 5 No = 0 Needs Improvement = 1-4	5		5
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes •	No 🔾	Needs Improvement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes	No 🔾	Needs Improvement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No 🔘	Needs Improvement
	d. Note any outside training completed	Yes •	No 🔘	Needs Improvement
5 1 .	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
Lyle	Yes, yes, yes, yes, yes. The PM & all inspectors with 3+ years employment have completed Powers have completed IM training and Doug is the IM Lead. Doug, Lyle, & Leo have spendigment, investigator, etc. Doug, Lyle & Leo have Root Cause.			
3	Did state records and discussions with state pipeline safety program manager indicate adequate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 Yes = 2 No = 0 Needs Improvement = 1	2		2
	Yes, Leo Haynos has over 18 years of experience in pipeline safety, understands the requirication and payment agreement documents.	ements in	ı submitt	ting a grant
4	Did state respond to Chairman's letter on previous evaluation within 60 days and correct or address any noted deficiencies? (If necessary) Chapter 8.1 Yes = 2 No = 0 Needs Improvement = 1	2		2
Evaluato	or Notes:		1	•
	Yes. KS responded in about 22 days, 10/25/16 to 11/16/16. All four items of concern were sidered decision was made by the KSCC to delay action on two items, civil penalties & juris			
5	Did State conduct or participate in pipeline safety training session or seminar in Past 3 Years? Chapter 8.5 $Yes = 1 No = 0$	1		1
Evaluato				

C5. Yes, KS conducts a Training Seminar every year. the last seminar was conducted in October 25-26, 2016 in Salina, KS.

The number of participants who attend was over two hundred.



	examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 $_{\text{Yes} = 1 \text{ No} = 0}$		
Evaluator	Notes: Yes, this item is question 114 on the Standard Inspection Report of a Municipal or Small Gas	Distribution	n Operator form
	Tes, this item is question 114 on the standard hispection Report of a Municipal of Sman Gas	Distribution	T Operator form
9	Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 $_{\text{Yes}} = 1 \text{ No} = 0$	1	1
	Notes: Yes, this item is question number 13, under Continue Surveillance Procedures, in the Standar icipal or Small Gas Distribution Operator form.	d Inspection	Report of a
	Yes, this item is question 36, under Emergency Procedures, in the Standard Inspection Repo	1 ort of a Muni	1 cipal or Small
Gas I	Distribution Operator form.		
11	Did the state review operator records of previous accidents and failures including reported third party damage and leak response to ensure appropriate operator response as required by 192.617? Chapter 5.1 $_{\text{Yes} = 1 \text{ No} = 0}$	1	1
	Notes: Yes, this item is questions 45, 156, & 157, under Failure Investigation & Operations and Matandard Inspection Report of a Municipal or Small Gas Distribution Operator form.	aintenance P	rocedures, in
12	Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for accuracy and analyzed data for trends and operator issues? Yes = 2 No = 0 Needs Improvement = 1	2	2

Did state inspect all types of operators and inspection units in accordance with time

inspections in 2016 were for those few operators where the 5-year interval was coming due.

Did inspection form(s) cover all applicable code requirements addressed on Federal

Inspection form(s)? Did State complete all applicable portions of inspection forms?

Did the state review operator procedures for determining if exposed cast iron pipe was

C6. Yes. Gas IMP- 36 intrastate operators - inspections are current. Internal KSCC records must be used as the Gas IMDB is incomplete. OQ program inspections were an area of emphasis in 2015 and are current. 81 DIMP inspections have been performed and are current. Standard Inspections are current. The two CRM inspections are current. The IM and full OQ

C7. Yes. Review of 6 inspections; 16-218, 16-137, 16-502, 16-108, 16-423, & 16-237, the inspections showed to be proper

intervals established in written procedures? Chapter 5.1

Yes = 5 No = 0 Needs Improvement = 1-4

Yes = 2 No = 0 Needs Improvement = 1

and internally consistent inspections.

5

2

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2

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DUNS: 102979593

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8

Evaluator Notes:

Chapter 5.1

Evaluator Notes: C16. Yes, this is checked during a review of the operator's O&M Plan, see questions 170-172 in the Operations and Maintenance Procedures, in the Standard Inspection Report of a Municipal or Small Gas Distribution Operator form. also addressed in the KSCC's Pipeline Safety Procedures Manual page 12, section 5.1.4.6. The OQ inspections are fo the OQ database. No issues. 17 Is state verifying operator's gas transmission integrity management programs (IMP) are up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart 0 Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes: C17. Yes, these items are reviewed and checked against the operator's Operations and Maintenance Procedures during Standard inspections. See questions 121-149 in the 2016 Operations and Maintenance Procedures, in the Standard Instandard inspections. See questions 121-149 in the 2016 Operations and Maintenance Procedures, in the Standard Instandard inspections. See questions 1.4.4. No issues. 18 Is state verifying operator's gas distribution integrity management Programs (DIMP)? This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators	16	Is state verifying operators OQ programs are up to date? This should include verification of any plan updates and that persons performing covered tasks (including contractors) are properly qualified and requalified at intervals determined in the operators plan. 49 CFR 192 Part N Yes = 2 No = 0 Needs Improvement = 1	2	2
up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart 0 Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes: C17. Yes, these items are reviewed and checked against the operator's Operations and Maintenance Procedures during Standard inspections. See questions 121-149 in the 2016 Operations and Maintenance Procedures, in the Standard Instrument Report of a Transmission Operator form. Additionally, verification is described and addressed in the KSCC's Pipeling Procedures Manual page 11, section 5.1.4.4. No issues. 18 Is state verifying operator's gas distribution integrity management Programs (DIMP)? 2 2 This should include a review of DIMP plans, along with monitoring progress. In	C16 Maii also	r Notes: . Yes, this is checked during a review of the operator's O&M Plan, see questions 170-172 in ntenance Procedures, in the Standard Inspection Report of a Municipal or Small Gas Distribu addressed in the KSCC's Pipeline Safety Procedures Manual page 12, section 5.1.4.6. The O	tion Opera	ator form. This
Evaluator Notes: C17. Yes, these items are reviewed and checked against the operator's Operations and Maintenance Procedures durin Standard inspections. See questions 121-149 in the 2016 Operations and Maintenance Procedures, in the Standard Instance Report of a Transmission Operator form. Additionally, verification is described and addressed in the KSCC's Pipeling Procedures Manual page 11, section 5.1.4.4. No issues. 18 Is state verifying operator's gas distribution integrity management Programs (DIMP)? 2 2 This should include a review of DIMP plans, along with monitoring progress. In	17	up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart 0	2	2
This should include a review of DIMP plans, along with monitoring progress. In	C17 Stan Repo	r Notes: Yes, these items are reviewed and checked against the operator's Operations and Maintenar dard inspections. See questions 121-149 in the 2016 Operations and Maintenance Procedures ort of a Transmission Operator form. Additionally, verification is described and addressed in	s, in the St	andard Inspecti
plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P DIMP? First round of program inspections should have been complete by December 2014 Yes = 2 No = 0 Needs Improvement = 1	18	This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P DIMP? First round of program inspections should have been complete by December 2014	2	2

Did state input all applicable OQ, DIMP/IMP inspection results into federal database in a

C13. Yes. 13 TIMP Protocol A inspections were successfully uploaded into the IMDB database in 2016 and the TIMP inspections appear to be current and successfully uploaded. The 2017 inspections are being done through IA. OQ

C14. Yes, KSCC Pipeline Safety Procedures require each inspector to check this item prior to performing an inspection. No

timely manner? This includes replies to Operator notifications into IMDB database.

Has state confirmed intrastate transmission operators have submitted information into

Is the state verifying operators are conducting drug and alcohol tests as required by

regulations? This should include verifying positive tests are responded to in accordance

NPMS database along with changes made after original submission?

issue. See question 8 on 2016 Inspection Guide for Transmission.



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13

14

15

Evaluator Notes:

Evaluator Notes:

Evaluator Notes:

Chapter 5.1

Yes = 2 No = 0 Needs Improvement = 1

Yes = 1 No = 0 Needs Improvement = .5

with program. 49 CFR 199 Yes = 2 No = 0 Needs Improvement = 1

inspections are uploaded and current.

2

2

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1

inspection. Additionally, verification is described and addressed in the KSCC's Pipeline Safety Procedures Manual page 12, section 5.1.4.5. Also is addressed during a Standard Inspection; see questions 176-181 in the Operations and Maintenance Procedures, in the 2016 Standard Inspection Report of a Municipal or Small Gas Distribution Operator form. No issues.

19	Is state verifying operators Public Awareness programs are up to date and being	2	2
	followed. State should also verify operators have evaluated Public Awareness programs		
	for effectiveness as described in RP1162. PAPEI Effectiveness Inspections should have		
	been completed by December 2013. PAPEI Effectiveness Inspections should be		
	conducted every four years by operators. 49 CFR 192.616		
	Yes = 2 No = 0 Needs Improvement = 1		
. 1	NT - A		

Evaluator Notes:

C19. Yes, a review of records indicated all 84 operators were inspected for PAPEI on or before December, 2013. Results were submitted into PHMSA's data base starting on August 26 to October 3, 2013 by KSCC staff members. No issues.

Does the state have a mechanism for communicating with stakeholders - other than state pipeline safety seminar? (This should include making enforcement cases available to public).

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C20. Yes, KSCC web site located at http://www.kcc.ks.gov/pipeline/index.htm provides information about their enforcement procedures and regulations to the public. No issues.

21 Did state execute appropriate follow-up actions to Safety Related Condition (SRC) 1

Reports? Chapter 6.3

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C21. Yes. Procedures are in place for responding to a SRC, see Section 6. The procedures were followed for the SRC reported in 2016. A mile of pipe was replaced. (There were no SRC in 2013, 2014, or 2015). An email reporting that the SRC had been completed was submitted to PHMSA Central Region.

Did the State ask Operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C22. Yes, this is listed in questions 156 & 157 on KSCC 2016 Standard Inspection form.

Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C23. Yes, they have responded to PHMSA and NAPSR when requested. No issues.

24 If the State has issued any waivers/special permits for any operator, has the state verified 1 conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate.

No = 0 Needs Improvement = .5 Yes = 1

Evaluator Notes:

C24. Yes. There was one historical waiver regarding plastic pipe joining that has since become part of the Federal regulations. Yes, there is a new special permit that was issued in 2016, Docket 16-pekg-284-mis, allowing plastic pipe to be rated at a .40 factor instead of a .32 factor. It was issued with PHMSA concurrence. This waiver will expire June 1, 2017.

25 Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated?

1 1

No = 0 Needs Improvement = .5 Yes = 1

Evaluator Notes:

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26	Disc	ussion on State Program Performance Metrics found on Stakeholder Communication	2		<u>2</u>
	site -	http://primis.phmsa.dot.gov/comm/states.htm			
	No=	0 Needs Improvement = $1 \text{ Yes} = 2$			
	a.	Discussion of Potential Accelerated Actions (AA's) based on any negative trends	Yes 💿	No 🔾	Needs Improvement
	b.	NTSB P-11-20 Meaningful Metrics	Yes 💿	No 🔾	Needs Improvement

Evaluator Notes:

C26. Yes. KSCC closely monitors all 6 performance measures: Damage Prevention Program, Inspection Activity, Inspector Qualification, Leak Management, Enforcement, and Incident Investigation. The indicators are all neutral or positive, and they tie in closely with KSCC's internal goals of: Decrease of miles of cast iron pipe, decrease leaks per 100 miles of pipe, stay current with inspection plans, perform inspector training and inspector performance follow-up, and fully enforce and monitor Damage Prevention.

Discussion with State on accuracy of inspection day information submitted into State
Info OnlyInfo Only
Inspection Day Calculation Tool. (No points)
Info Only = No Points

Evaluator Notes:

C27. Yes. It is a detailed exercise that is in the direction of yielding reasonable results. A noted problem is the inability to track windshield time. There is a suggestion to parse 'inspection time' into 'face time' and 'windshield time'. The next step is to 'reality check' the numbers with the inspector staff.

Did the State verify Operators took appropriate action regarding Pipeline Flow Reversals, Info Only Product Changes and Conversions to Service? See ADP-2014-04 (No Points) Info Only = No Points

Evaluator Notes:

C28. Yes. KS is flat, KS is gas, KS has very low risk relative to flow reversals. However, the major operators will be contacted concerning flow reversals. One potential risk concerns underground storage and it will be investigated.

29 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

C29. Comments. No loss of points occurred in this section. Cast Iron should be out of service in KS by 2020. KS lost three inspectors in 2016 but were able to replace two of them. A hiring search is continuing for the third position. It is KSCC practice to inspect 70% of Operators and Units every year. This helps KSCC to be very familiar with all jurisdictional operators in the State.

Total points scored for this section: 49 Total possible points for this section: 49

1	Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1	4		4
	Yes = 4 No = 0 Needs Improvement = 1-3 a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes •	No 🔾	Needs Improvement
	b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No 🔾	Needs Improvement
	c. Procedures regarding closing outstanding probable violations	Yes 💿	No 🔘	Needs Improvement
	or Notes: Yes. KSCC Pipeline Safety Procedures Manual pages 9 & 14, Section 5.1.3.3 'Post Inspect 6 entitled, "Procedures for notifying an operator when noncompliance is identified" address			
2	Did the state follow compliance procedures (from discovery to resolution) and adequately document all probable violations, including what resolution or further course of action is needed to gain compliance? Chapter 5.1 Yes = 4 No = 0 Needs Improvement = 1-3	4		4
	a. Were compliance actions sent to company officer or manager/board member if municipal/government system?	Yes •	No 🔾	Needs Improvement
	b. Document probable violations	Yes 💿	No 🔾	Needs Improvement
	c. Resolve probable violations	Yes •	No 🔾	Needs Improvement
	d. Routinely review progress of probable violations	Yes •	No 🔾	Improvement C
	e. Were applicable civil penalties outlined in correspondence with operator(s)	Yes •	No 🔾	Needs Improvement
com	esentatives who acknowledge the discussion by his or her signature. KSCC maintains and a pany officers or managers. This information is also reviewed and checked with the operator is. No issues.	-	•	
3	Did the state issue compliance actions for all probable violations discovered? $Yes = 2 No = 0 Needs Improvement = 1$	2		2
	or Notes: Yes. A review of files and data base indicated compliance action was taken in accordance vedures. In this regard, 70 violations were issued in CY2016.	with KSO	CC pipeli	ne safety
4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes = $2 \text{ No} = 0$	2		2
Evaluato				
D4.	Yes, KSCC Pipeline Safety Procedures Manual describe their due process in section 5.1.11	No issu	es.	
5	Is the program manager familiar with state process for imposing civil penalties? Were civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken) $Yes = 2 No = 0 Needs Improvement = 1$	2		2
an \$	or Notes: Yes. It is known and used. While there were no penalties assessed outside of the \$29.5K in 8k penalty was assessed and collected in 2014. I advised increased use of civil penalties and ers in lieu of fines.			

Can the State demonstrate it is using their enforcement fining authority for pipeline safety

6

violations?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

D6. Yes. Civil penalties are used. An \$8k penalty was assessed and collected in 2014. A civil penalty is pending in 2017.

7 General Comments: Info Only = No Points Info OnlyInfo Only

Evaluator Notes:

D7. No loss of points occurred. KSCC has generally met the requirements of Part D.

Total points scored for this section: 15 Total possible points for this section: 15



1	Does the state have written procedures to address state actions in the event of an incident/accident? Yes = 2 No = 0 Needs Improvement = 1	2		2
Evaluat	or Notes:			
E1.	Yes, See KSCC Pipeline Safety Procedures Manual, page 17, Section 6.			
2	Does state have adequate mechanism to receive and respond to operator reports of incidents, including after-hours reports? And did state keep adequate records of Incident/Accident notifications received? Chapter 6 Yes = 2 No = 0 Needs Improvement = 1	2		2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes (•)	No 🔘	Needs
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E)	Yes •	No 🔾	Improvement Needs Improvement
	or Notes:	C - C-4 I	0 -1-4- 1 6	N 4141
	Yes, yes. KSCC Pipeline Safety Procedures Manual in Section 6, Failure Investigation and dress both of these items.	Safety-F	Celated C	conditions,
3	If onsite investigation was not made, did state obtain sufficient information from the operator and/or by other means to determine the facts to support the decision to not go on-site? Chapter 6 Yes = 1 No = 0 Needs Improvement = .5	1		1
E3.	or Notes: Yes, KSCC Pipeline Safety Procedures Manual, Section 6 states, KCC Pipeline Safety Stafestigation of each reportable incident involving jurisdictional pipeline facilities. They response significant jurisdictional incidents in 2016.			
4	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? Yes = 3 No = 0 Needs Improvement = 1-2	3		3
	a. Observations and document review	Yes •	No 🔘	Needs Improvement
	b. Contributing Factors	Yes •	No 🔾	Needs
	c. Recommendations to prevent recurrences when appropriate	Yes •	No 🔾	Improvement Needs
E4.	or Notes: Yes. All 3 incidents in 2016 have been investigated with initial reports made. The Final reponses to the initial findings.			Improvement on operator
5	Did the state initiate compliance action for violations found during any incident/accident investigation? Yes = 1 No = 0	1		1
Evaluat	or Notes:			
E5.	Yes. NOPV are probable, but waiting on operator responses to the initial findings per KS productions are probable, but waiting on operator responses to the initial findings per KS production.	rocedure	s.	
6	Did the state assist region office by taking appropriate follow-up actions related to the operator incident reports to ensure accuracy and final report has been received by PHMSA? (validate report data from operators concerning incidents/accidents and investigate discrepancies) Chapter 6 Yes = 1 No = 0 Needs Improvement = .5	1		1
Evaluat	or Notes:			
E6.	Yes, KSCC continues to respond to PHMSA Central Region about operator incident reports	s. No iss	ues.	

Does state share lessons learned from incidents/accidents? (sharing information, such as:

at NAPSR Region meetings, state seminars, etc)

Yes = 1 No = 0

Evaluator Notes:

E7. Yes, at the NAPSR Central Region Meeting and also during the Pipeline Safety Seminars.

8 General Comments:

Info OnlyInfo Only

Info Only = No Points Evaluator Notes:

E8. No loss of points occurred. KSCC has generally met the requirements of Part E.

Total points scored for this section: 11 Total possible points for this section: 11



2

2

Did the state inspector check to assure the pipeline operator is following its written procedures pertaining to notification of excavation, marking, positive response and the 2

2

F2. Yes, a review of inspection reports indicates this item was checked and reviewed with the operator. The questions are numbers 15-21 on the 2016 standard inspection form for small operators.

3 Did the state encourage and promote practices for reducing damages to all underground facilities to its regulated companies? (i.e. such as promoting/adopting the CGA Best Practices encouraging adoption of the 9 Elements, etc.)

2

Yes = 2 No = 0 Needs Improvement = 1

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

F3. Yes, this is accomplished at the CGA, Kansas One Call, and Underground Coordinating committee meetings.

Has the agency or another organization within the state collected data and evaluated 4 trends on the number of pipeline damages per 1,000 locate requests? (This can include DIRT and other data shared and reviewed by the pipeline safety program)

2 2

2

Evaluator Notes:

F4. Yes, the natural gas companies are required to file with KSCC information on their damages. KSCC has a virtual DIRT program they use to review the damages per 1,000 locate requests and they upload the data from the operators into CGA's Virtual DIRT Program. Hits per 1000 locates for Kansas City metropolitan areas have been as follows: cy2008 2.4, cy2009 2.5, cy2010 2.5, cy2011 2.3, cy 2012 2.8, cy2013 1.9, cy 2014 2.0, cy 2015 2.4, and cy 2016 2.0.

5 General Comments: Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

F5. No loss of points occurred. KSCC has generally met the requirements of Part F.

Total points scored for this section: 8 Total possible points for this section: 8



1	Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points	Info Only	Info Only	
	Name of Operator Inspected: Osage City, opid 14370			
	Name of State Inspector(s) Observed: Lyle Powers			
	Location of Inspection: 201 S 5th, Osage City, KS. 66523			
	Date of Inspection: 3/22/17			
	Name of PHMSA Representative: Patrick Gaume			
	or Notes: Osage City, opid 14370, Lyle Powers 785-250-3475, 201 S 5th, Osage City, KS. 66523. Gords of a Standard Inspection were observed.	3/22/17, Pa	atrick Gaume;	
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? $Yes = 1 No = 0$	1	1	
	or Notes: Yes. 2 operator personnel were present and participated, Joey Lamond-Director of Utilitic cington-Water & Gas Supervisor 785-219-1080. The inspection was at their office.	es 785-219	-1441 & Kennet	h
3	Did the inspector use an appropriate inspection form/checklist and was the form/checklist used as a guide for the inspection? (New regulations shall be incorporated) Yes = 2 No = 0 Needs Improvement = 1	st 2	2	
Evaluato G3. Form	or Notes: Yes. Lyle used a State Form that incorporates the Fed Distribution Standard Inspection Fe	orm & the	OQ Field Inspec	tion
4	Did the inspector thoroughly document results of the inspection? Yes = 2 No = 0 Needs Improvement = 1	2	2	
	or Notes: Yes. The Records inspection was started and was scheduled to be completed by the end of ection was scheduled for Thursday 3/23/17.	f the day.	The Field	
5	Did the inspector check to see if the operator had necessary equipment during inspection to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.) Yes = 1 No = 0	. 1	1	
Evaluato				
	Yes. This was an Office review; Office facilities, computers, records, and procedures were	e all used	and available.	
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) Yes = 2 No = 0 Needs Improvement = 1	2	2	
	a. Procedures			
	b. Records	\boxtimes		
	c. Field Activities			
	d. Other (please comment)	\Box		
Evaluato	•			

G6. Yes. Records were reviewed in detail.



DUNS: 102979593

2016 Gas State Program Evaluation

Valve Maintenance

D.

E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	
Evaluator Notes:		

G10. I observed the Records portion of a Standard Inspection. The Field inspection was scheduled for the following day. The inspection was conducted in a courteous and professional manner. Full points were awarded.

Total points scored for this section: 12 Total possible points for this section: 12



PAR	Γ H - Interstate Agent State (If Applicable) Poi	ints(MAX)	Score
1	Did the state use the current federal inspection form(s)?	1	NA
	Yes = 1 No = 0 Needs Improvement = .5		
	or Notes:		
H1-	7 NA Not an Interstate Agent State		
2	Are results documented demonstrating inspection units were reviewed in accordance wi "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	th 1	NA
Evaluato	or Notes:		
H1-	7 NA Not an Interstate Agent State		
3	Did the state submit documentation of the inspections within 60 days as stated in its late Interstate Agent Agreement form? Yes = 1 No = 0 Needs Improvement = .5	est 1	NA
	or Notes:		
H1-	7 NA Not an Interstate Agent State		
4	Were probable violations identified by state referred to PHMSA for compliance? (NOT PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5		NA
Evaluato	or Notes:		
H1-	7 NA Not an Interstate Agent State		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
H1-	7 NA Not an Interstate Agent State		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
	7 NA Not an Interstate Agent State		
7	Did the state initially submit documentation to support compliance action by PHMSA o	n 1	NA
,	probable violations? Yes = 1 No = 0 Needs Improvement = .5	11 1	IVA
Evaluato	or Notes:		
H1-	7 NA Not an Interstate Agent State		
8	Conoral Comments:	Info Onlyli	nfo Only
U	General Comments:	mio Omyn	ino Omy



Total points scored for this section: 0 Total possible points for this section: 0

Evaluator Notes:

Info Only = No Points

H1-7 NA Not an Interstate Agent State

PAR	Γ I - 60106 Agreement State (If Applicable) P	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
I1-6	NA Not a 60106 Agreement State		
2	Are results documented demonstrating inspection units were reviewed in accordance vistate inspection plan? Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
Evaluato			
I1-6	NA Not a 60106 Agreement State		
3	Were any probable violations identified by state referred to PHMSA for compliance? (NOTE: PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato			
I1-6	NA Not a 60106 Agreement State		
4	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
Evaluato			
I1-6	NA Not a 60106 Agreement State		
5	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	•		
I1-6	NA Not a 60106 Agreement State		
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	•		
I1-6	NA Not a 60106 Agreement State		



Total points scored for this section: 0 Total possible points for this section: 0

Info OnlyInfo Only

7

Evaluator Notes:

General Comments: Info Only = No Points

I1-6 NA Not a 60106 Agreement State