

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

2017 Gas State Program Evaluation

for

KENTUCKY PUBLIC SERVICE 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)



2017 Gas State Program Evaluation -- CY 2017

Gas

State Agency: KentuckyRating:
60105(a): Yes 60106(a): NoAgency Status:60105(a): Yes 60106(a): NoDate of Visit: 06/25/2018 - 06/29/2018Agency Representative:Mr. James D. Rice, Pipeline Safety Program Manager

PHMSA Representative: Patrick Gaume

Commission Chairman to whom follow up letter is to be sent:

Name/Title:	Mr. Michael J. Schmitt, Chairman
Agency:	Kentucky Public Service Commission
Address:	211 Sower Boulevard
City/State/Zip:	Frankfort, Kentucky 40602-0615

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 2017 (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 <u>written summary</u> which thoroughly documents the inspection.

Scoring Summary

PARTS		Possible Points	Points Scored
А	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	13	13
С	Program Performance	48	48
D	Compliance Activities	15	15
Е	Incident Investigations	11	11
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	0	0
Ι	60106 Agreement State (If Applicable)	0	0
TOTALS 117		117	
State Rating			

PAR	Γ A - Progress Report and Program Documentation Review	Points(MAX)	Score
1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progres Report Attachment 1 Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	ss 1	1
		I encouraged Jame	es to double check
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
	or Notes: Yes. Conducted a review of the 2017 KPSC Progress Report and found the number of fice files. No issues were found. 522 inspection days	of inspection days	entered matched
3	Accuracy verification of Operators and Operators Inspection Units in State - Progr Report Attachment 3 Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	ress 1	1
	or Notes: Yes. Verified the number of operators and inspection units on Attachment 3 matched tucky Public Service Commission (KPSC).	d the office record	ls maintained by
4	Were all federally reportable incident reports listed and information correct? - Prog Report Attachment 4 Yes = 1 No = 0 Needs Improvement = .5	gress 1	1
	-	y to be declared no	on-jurisdictional.
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
be n	-	ion; a \$55K boring	
6	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 Yes = 2 No = 0 Needs Improvement = 1	2	2
	-	e now electronic.	No areas of
7	Was employee listing and completed training accurate and complete? - Progress Re Attachment 7 Yes = 1 No = 0 Needs Improvement = .5	eport 1	1
Atta	-		
8	Verification of Part 192,193,198,199 Rules and Amendments - Progress Report Attachment 8 Yes = 1 No = 0 Needs Improvement = .5	1	1

Evaluator Notes:

A8. Yes. KPSC has automatic adoption of federal pipeline safety regulations per KY State Statute 278.992, section 1. No issues.

9 List of Planned Performance - Did state describe accomplishments on Progress Report in 1
1 detail - Progress Report Attachment 10
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A9. Yes. Attachment 10 was properly completed.

10 General Comments:

Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

A10. No loss of points occurred in this section. 3 Sr Inspectors retired in 2017 but KPSC acted proactively and quickly filled all vacancies. Hard work from the remaining staff resulted in all critical inspections being performed. All remaining records went paperless in 2017. Made Refinement and enhancement of the inspections tracking system.

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 2 2 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. Yes = 2 No = 0 Needs Improvement = 1Evaluator Notes: B1. Yes. a review of KPSC Gas Branch Procedure Manual found under III Inspection Format, Section A information on preinspection activities; Section B contains information on the inspection activities and IV Inspection Report; Section A contains the post-inspection activities. These items are located on pages 7-9. 2 IMP and DIMP Inspection procedures should give guidance to state inspectors that insure 1 1 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. Yes = 1 No = 0 Needs Improvement = .5Evaluator Notes: B2. Yes, a review of KPSC Gas Branch Procedure Manual found under III Inspection Format, Section A information on preinspection activities; Section B contains information on the inspection activities and IV Inspection Report; Section A contains the post-inspection activities. These items are located on pages 7-9. 3 OQ Inspection procedures should give guidance to state inspectors that insure 1 1 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. Yes = 1 No = 0 Needs Improvement = .5**Evaluator Notes:** B3. Yes, a review of KPSC Gas Branch Procedure Manual found under III Inspection Format, Section A information on preinspection activities; Section B contains information on the inspection activities and IV Inspection Report; Section A contains the post-inspection activities. These items are located on pages 7-9. 4 Damage Prevention Inspection procedures should give guidance to state inspectors that 1 1 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. Yes = 1 No = 0 Needs Improvement = .5Evaluator Notes: B4. Yes, a review of KPSC Gas Branch Procedure Manual found under III Inspection Format, Section A information on preinspection activities; Section B contains information on the inspection activities and IV Inspection Report; Section A contains the post-inspection activities. These items are located on pages 7-9. 5 Any operator training conducted should be outlined and appropriately documented as 1 1 needed. Yes = 1 No = 0 Needs Improvement = .5Evaluator Notes: B5. Yes, this is listed under KPSC Gas Branch Procedure Manual Section IX, Schools and Training. 1 6 Construction Inspection procedures should give guidance to state inspectors that insure 1 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. Yes = 1 No = 0 Needs Improvement = .5Evaluator Notes: B6. Yes, a review of KPSC Gas Branch Procedure Manual found under III Inspection Format, Section A information on preinspection activities; Section B contains information on the inspection activities and IV Inspection Report; Section A contains the post-inspection activities. These items are located on pages 7-9.

7	Does inspection plan address inspection priorities of each operator, and if necessary each unit, based on the following elements? Yes = $6 \text{ No} = 0 \text{ Needs Improvement} = 1-5$	6		6
	a. Length of time since last inspection (Within five year interval)	Yes 🖲	No 🔿	Needs Improvement
	b. Operating history of operator/unit and/or location (includes leakage, incident and compliance activities)	Yes 🖲	No 🔿	Needs Improvement
	c. Type of activity being undertaken by operators (i.e. construction)	Yes 💿	No 🔿	Needs Improvement
	d. Locations of operators inspection units being inspected - (HCA's, Geographic areas, 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 🔿	Needs Improvement
	f. Are inspection units broken down appropriately?	Yes 💽	No 🔿	Needs Improvement
Evaluato	· Notes:			p
	Yes*6, these items are listed in KPSC Gas Branch Procedure Manual on page 6, Section II, dule. All inspection units are broken down correctly.	Develop	ment of	Inspection

8 General Comments:

Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

B8. No loss of points occurred in this section. James reports that SOP were added to the Procedures in 2017. Credit to Glynn Blanton for help in improving the Procedures in 2015 & 2016. New inspectors are using the procedures as a resource. The Procedures are a living and improving document.

Total points scored for this section: 13

Total possible points for this section: 13



- 1 Was ratio of Total Inspection person-days to total person days acceptable? (Director of 5 5 State Programs may modify with just cause) Chapter 4.3 Yes = 5 No = 0A. Total Inspection Person Days (Attachment 2): 522.00 B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 4.83 = 1063.33 Ratio: A / B 522.00 / 1063.33 = 0.49 If Ratio ≥ 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5Evaluator Notes: C1. Yes. 522 Field inspector days, 4.83 inspector years, 522/(4.83*220)=0.491 okay. 2 Has each inspector and program manager fulfilled the T Q Training Requirements? (See 5 5 Guidelines Appendix C for requirements) Chapter 4.4 Yes = 5 No = 0 Needs Improvement = 1-4Needs Yes 💿 a. Completion of Required OQ Training before conducting inspection as lead? No () Improvement Completion of Required DIMP*/IMP Training before conducting inspection as b. Needs Yes 💽 No 🔿 Improvement lead? *Effective Evaluation CY2013 Needs Root Cause Training by at least one inspector/program manager Yes (•) No 🔿 c. Improvement Needs d. Note any outside training completed Yes 💿 No () Improvement e. Verify inspector has obtained minimum qualifications to lead any applicable Needs Yes 💿 No 🔿 Improvement standard inspection as the lead inspector. Evaluator Notes: C2. Yes*5. Yes. KPSC has six inspectors who have completed mandatory training for Gas Inspector Training Requirements. Four inspectors have completed the Gas IM & DIMP training requirements. Three inspectors have completed the root cause training course. All inspectors attended the Pipeline Awareness for Excavator Operations Meeting sponsored by Paradigm. All inspectors have obtained the minimum qualifications to be the lead inspector on Standard & OQ inspections. Steven Samples is the lead on DIMP and Bill Aitken is the lead on TIMP. 3 Did state records and discussions with state pipeline safety program manager indicate 2 2 adequate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 Yes = 2 No = 0 Needs Improvement = 1Evaluator Notes: C3. Yes, James Rice has completed all TQ core courses. He has demonstrated knowledge about the pipeline safety regulations and pipeline safety program certification filings. Mr. Rice was recently promoted into the Pipeline Safety Program as the full time Program Manager. 2 4 Did state respond to Chairman's letter on previous evaluation within 60 days and correct 2 or address any noted deficiencies? (If necessary) Chapter 8.1 Yes = 2 No = 0 Needs Improvement = 1Evaluator Notes: C4. Yes, Chairman Michael Schmitt's response letter to Zach Barrett was sent on July 17, 2017 and was within the 60 day time requirement of the Chairman letter dated May 23, 2017. 5 Did State conduct or participate in pipeline safety training session or seminar in Past 3 1 1 Years? Chapter 8.5
 - Years? Chapter 8.: Yes = 1 No = 0

Evaluator Notes:

C5. Yes, KPSC hosted a pipeline safety seminar on September 20-21, 2016 in Bowling Green, KY at the Holiday Inn University Plaza. Approximately, 122 individuals attended the seminar.

6	Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 Yes = $5 \text{ No} = 0$ Needs Improvement = 1-4	5	5
Evaluato			
	Yes, a review of files and database found all operators and inspection units were inspected in	accorda	nce to KPSC
	en procedures within 5 years. No areas of concern.	uccorde	
7	Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1	2	2
F 1 (Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$		
Evaluato		4	···· · · · · · · · · · · · · · · · · ·
sepa	Yes, KPSC continues to use the federal inspection forms for all operators except Master Met rate form which was developed from the federal distribution standard inspection form by elin to Master Meter pipeline facilities. No areas of concern.		
8	Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 Yes = $1 \text{ No} = 0$	1	1
Evaluato			
cast mile	Yes, this item is listed in the federal standard inspection document. Currently, Louisville Gas iron, (37 miles removed in 2017!) Columbia Gas 9.7 miles of cast iron and City of Fulton 3 n s of cast iron in the State of Kentucky are 12.7 miles. No areas of concern. Columbia Gas is of remaining Cast Iron by 2022.	niles of o	cast iron. Total
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 $Yes = 1 No = 0$	1	1
	Notes: Yes, this item continues to be reviewed and checked annually by KPSC inspectors during the is listed in the supplemental questions section of the federal standard inspection form they us		Additionally, this
10	Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1	1	1
Englished	Yes = 1 No = 0		
Evaluator C10.	Yes. Question is part of all Standard Inspections.		
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 $Yes = 1 No = 0$	1	1
Evaluato			
	Yes, this is accomplished via the standard inspection form and pre-inspection activities perfo	ormed by	the inspector.

C12. Yes, each inspector prior to conducting an inspection reviews and conducts a trend analysis of the information contained in the operator's annual reports. This information is discussed with the operator and used in KPSC rank risk inspection visits. No issues.

13	Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Evaluator			
	Yes, this item is reviewed with the operator and located on the supplemental inspection form	n list.	
14	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 with program. 49 CFR 199 Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluator			
	Yes, the short form D&A, (form 14) is reviewed on each standard inspection audit. I remine	led James	s of the Long Form
D&A	insp, Form 3.1.11 revised 2017, and he will start scheduling them immediately.		-
15	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
Evaluator			
C15.	Yes, this is reviewed during the standard inspection audit.		
16	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? Are replies to Operator IM notifications addressed? (formerly part of Question C-13)). 49 CFR 192 Subpart 0 Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluator	Notes:		
C16.	Yes, this is reviewed and checked during the standard inspection audit.		
17	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 plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluator			
	Yes, all DIMP inspections are performed every three years. All inspections have been comp P plan is discussed with the operator during a standard inspection audit.	oleted. A	review of the
18	Is state verifying operators Public Awareness programs are up to date and being followed. State should also verify operators have evaluated Public Awareness programs for effectiveness as described in RP1162. PAPEI Effectiveness Inspections should be conducted every four years by operators. 49 CFR 192.616 Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluator			
C18.	Yes, all Public Awareness programs are reviewed during the standard inspection audit. All I bleted in CY2014.	PAPEI ins	spections were

19	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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1	
Evaluato				
	. Yes, this is accomplished via the Kentucky Gas Association and KPSC website.			
20	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 Yes = 1 No = 0 Needs Improvement = .5	1	1	
	r Notes: . Yes. There was a SRC in 2017, the first one since 2015, It was monitored closely until it vator was very cooperative.	was close	ed on 11/1	/17. The
21	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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1	
Evaluato C21 revie	r Notes: . Yes, this is item is listed on KPSC supplemental inspection question list and reviewed with	the oper	rator durir	ng the audit
22	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? Yes = 1 No = 0 Needs Improvement = .5	1	1	
		s, NAPS	R Admini	strative
23	If the State has issued any waivers/special permits for any operator, has the state verified 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	1	NA	
Evaluato C23	r Notes: . NA. There have been no waivers/special permits granted in KY.			
24	Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated? No = 0 Needs Improvement = .5 Yes = 1	1	1	
Evaluato				
C24	. Yes, James Rice attended the 2017 Nat'l NAPSR in Columbus, Ohio.			
25	Discussion on State Program Performance Metrics found on Stakeholder Communication site - http://primis.phmsa.dot.gov/comm/states.htm No = 0 Needs Improvement = 1 Yes = 2	2	2	
	a. Discussion of Potential Accelerated Actions (AA's) based on any negative trends	Yes 💽		Needs Improvement
	b. NTSB P-11-20 Meaningful Metrics	Yes 💿		Needs Improvement
Evaluato	r Notes: Ves KPSC closely monitors all 6 performance measures: Damage Prevention Program In	enection		1

C25. Yes. KPSC closely monitors all 6 performance measures: Damage Prevention Program, Inspection Activity, Inspector Qualification, Leak Management, Enforcement, and Incident Investigation. The pipeline safety staff documented a meeting conducted on 5/1/17 reviewing the KPSC's performance metrics consisting of the damage prevention program, inspection activity, inspector qualification, leak management, enforcement and incident investigations. Even though the leaks per miles were indicating a downward trend, a closer review of the operator's annual report and in-depth review of leak surveys still needed to be conducted to continue this trend. Staff needs to also look at the operator's line hits and discuss causes and what

actions the operators are taking to reduce damages such as promoting 811, contractor awareness and are they billing excavators for cost of repairs.

26Discussion with State on accuracy of inspection day information submitted into State11Inspection Day Calculation Tool (SICT) Has the State updated SICT data?
No = 0 Yes = 111

Evaluator Notes:

C26. Yes. James reviewed the State Inspection Day Calculation Tool (SICT) with Rex Evans in November 2017. Collaborative re-running of the program resulted in an Inspection Day calculation of 512 days. All parties were satisfied with the 512 day requirement. KPSC had 522 days of inspection in 2017.

Did the State verify Operators took appropriate action regarding Pipeline Flow Reversals, 1
Product Changes and Conversions to Service? See ADP-2014-04
Needs Improvement = .5 No = 0 Yes = 1

Evaluator Notes:

C27. Yes. KPSC is prepared to address inspection of flow reversals. No known flow reversals in KY.

28 General Comments:

Info Only = No Points

Evaluator Notes:

C28. No loss of points occurred in this section. KPSC is adequately staffed. KPSC expects to stay current in its inspection duties.

Total points scored for this section: 48 Total possible points for this section: 48

Info OnlyInfo Only

1		s the state have written procedures to identify steps to be taken from the discovery to lution of a probable violation? Chapter 5.1	4		4
	Yes	= 4 No = 0 Needs Improvement = 1-3			
	a. identi	Procedures to notify an operator (company officer) when a noncompliance is ified	Yes 🖲	No 🔿	Needs Improvement
	b. break	Procedures to routinely review progress of compliance actions to prevent delays or downs	Yes 💿	No 🔿	$\frac{Needs}{Improvement}$
	c.	Procedures regarding closing outstanding probable violations	Yes 💽	No 🔿	Needs Improvement
unto	r Noto	а.			-

Evaluator Notes:

D1. Yes*3. a. & b. Information is located in KPSC Procedure Manual on page 9-10. The procedures require correspondence to be sent to the company officer/owner when a noncompliance is found. KPSC provides the operators an opportunity to response to alleged probable violations within 30 days. The procedures states all follow up inspections may be scheduled after written notification of non-compliance has been sent to the operator. Deficiency information is entered into the inspection database which can be used to report the status of probable violations. c. Procedures to close an outstanding violation is included in the letter to the operator and performed by the program manager.

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 = $4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	7 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 🔿	Needs Improvement
	e. Within 30 days, conduct a post-inspection briefing with the owner or operator of the gas or hazardous liquid pipeline facility inspected outlining any concerns; and	Yes 🖲	No 🔿	Needs Improvement
	f. Within 90 days, to the extent practicable, provide the owner or operator with written preliminary findings of the inspection.	Yes 🛈	No 🔿	$_{\rm Improvement}^{\rm Needs}$
Evaluato				
	Yes*6. Yes, a review of KPSC database for CY2017 found compliance letters were sent to			-
	Yes, probable violations are documented, resolved and routinely entered into the KPSC dat			
	ew of this information is performed by the program manager and inspectors. e. yes, civil pe			
	tions are included in correspondence to operators; f. yes, the latest letter sent was 83 days a	after the in	nspection	n, most
lette	rs were sent within 10 days, 101 of 113 letters were sent out in 12 days or less.			
3	Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1	2		2

Evaluator Notes:

D3. Yes, a review of the 2017 "Deficiency Spreadsheet" found 52 probable violations were described in 18 letters sent to the operators.

4 Did compliance actions give reasonable due process to all parties? Including "show 2 2 cause" hearing if necessary. Yes = 2 No = 0

Evaluator Notes:

D4. Yes, a review of compliance action letters found the operator is provided due time and process in responding to the violation(s) prior to be referred to legal division for a show cause hearing.

5 Is the program manager familiar with state process for imposing civil penalties? Were 2
2 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

Y es = 2 No = 0 Needs Improvement

Evaluator Notes:

6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety 1 1 violations?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

D6. Yes, civil penalties were assessed and collected in 2017, some fines were reduced by Commission action, and some fines were reduced due to corrective actions.

7 General Comments:

Info OnlyInfo Only

Info Only = No Points Evaluator Notes:

D7. No loss of points occurred. KPSC has generally met the requirements of Part D. KPSC has effective monitoring spreadsheets to track compliance actions.

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	2
Evaluate	res = 2 No = 0 Needs improvement = 1 or Notes:			
	Yes, this item is located in KPSC Procedures Manual under VI. Incident Investigation page	12.		
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 Improvement
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E) or Notes:	Yes 🖲	No 🔿	Needs Improvement
Pro Mai Sys	Yes, all telephonic notifications from operators are recorded and provided in an email messa gram Manager, Inspectors and others. The decision to response and investigate the incident in nager. A review of KPSC records found all reportable telephonic incidents are logged into a tem database. a. & b. Yes, Program Manager and Inspector are familiar and have read the M eral/State Cooperation in cases of incident/accident.	s render KPSC Ir	ed by the spection	Program Reporting
E3. Add	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 or Notes: A verification of KPSC written procedures provided direction on when an onsite investigat ditionally, the procedures provided direction on how to record the reason to not go to the site file folder of the incident.		be condu	
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 Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes 💿	No 🔿	Needs Improvement
E4. mao	or Notes: Yes*3. The reportable Incident was investigated and documented. The investigation is on-g de. Ample documentation is in the file. Federal Form 11, Pipeline Failure Investigation, was by; it is almost certain that the incident occurred on non-jurisdictional pipe.			its were
5				
	Did the state initiate compliance action for violations found during any incident/accident investigation? Yes = 1 No = 0	1		1
	investigation?			1

E6. Yes. Good communications with Southern Region and the AID. The AID contact was Gery Bauman concerning the reportable incident. Numerous contacts were made with Gery and also Brian Pierzina with AID.

Does state share lessons learned from incidents/accidents? (sharing information, such as: 1 at NAPSR Region meetings, state seminars, etc)
Yes = 1 No = 0

1

Evaluator Notes:

E7. Yes, at the NAPSR Southern 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. KPSC has generally met the requirements of Part E. KPSC response to the reportable incident was detailed and timely.

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

1	Has the state reviewed directional drilling/boring procedures of each pipeline operator or its contractor to determine if they include actions to protect their facilities from the	2	2	
	dangers posed by drilling and other trench less technologies? NTSB Yes = 2 No = 0 Needs Improvement = 1			
Evaluat	or Notes:			
F1.	Yes, this is listed in KPSC supplemental inspection questions to the operators and reviewed construction inspections.	l with them	during a standa	ď
2	Did the state inspector verify pipeline operators are following their written procedures pertaining to notification of excavation, marking, positive response and the availability and use of the one call system? Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2	
Evaluat	or Notes:			
F2.	Yes, this is addressed in the supplemental questions listed in the inspection form.			
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.) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2	
Evaluat	or Notes:			
F3.	Yes, this is addressed in the supplemental question listed in the inspection form.			
4	Has the agency or another organization within the state collected data and evaluated 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) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2	
Evaluat	or Notes:			
F4.	Yes, this is monitored during KPSC review of the annual operator reports.			
5	General Comments: Info Only = No Points	Info Only	nfo Only	_
Evaluat	or Notes:			
E5	No loss of points occurred in this Section KDSC has generally met the requirements of Per	E In 2017	an aratara wara	

F5. No loss of points occurred in this Section. KPSC has generally met the requirements of Part F. In 2017 operators were required to contact the KPSC by phone and by email for reportable incidents. The phone recording and the email concerning the reportable incident was successfully forwarded to all KPSC designated parties as designed. KPSC is pleased with this IT success. Introduced legislation in the 2018 General Session to address the Damage Prevention inadequacy letter received by PHMSA dated 3/13/17 (The bill passed in 2018 with enforcement authority given to K PSC that will go into effect July 14, 2018.)

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 OnlyIn	fo Only
	Name of Operator Inspected: ATMOS Energy, opid 22476, Danville Service Area Unit		
	Name of State Inspector(s) Observed: Melissa Holbrook, Inspector, James Rice & David Nash also in attendance		
	Location of Inspection: Atmos Energy office at 449 Whirlaway Dr., Danville, KY 40422		
	Date of Inspection: 6/27/2018		
	Name of PHMSA Representative: Patrick Gaume		
	or Notes:	D : 0.1	
	ATMOS Energy, opid 22476, Danville Service Area Unit, Melissa Holbrook, Inspector, Jan ttendance. Atmos Energy office at 449 Whirlaway Dr., Danville, KY 40422, 6/27/2018, Patri		David Nash also
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? Yes = $1 \text{ No} = 0$	1	1
Evaluato	or Notes:		
G2.	Yes, three Operator employees participated in the inspection & it was held at the Atmos End	ergy office	in Danville.
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 = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluato	or Notes:		
G3.	Yes, the Federal Std Distr Insp form was used.		
4	Did the inspector thoroughly document results of the inspection? Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluato			
	Yes. I observed records review of items to be inspected in the field. The targeted sites were lan notes.	being listed	in the inspection
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	or Notes:		
G5.	Yes. The portion I evaluated was an office Inspection and all procedures and records were a	vailable	
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
	a. Procedures		
	b. Records	\boxtimes	
	c. Field Activities		
	d. Other (please comment)		
Evaluato			
	Yes. I observed records review.		

7	Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable) Yes = $2 \text{ No} = 0$ Needs Improvement = 1	2	2
Evaluato			
G7.	Yes. Melissa was very knowledgeable, thorough and conducted herself in a pro	fessional manner.	
8	Did the inspector conduct an exit interview? (If inspection is not totally complete interview should be based on areas covered during time of field evaluation) Yes = 1 No = 0	ete the 1	1
Evaluato			
	Yes. No violations found. Reminders: Brad Burchett PE fusion will expire 8-8- e marked on form; Joey Hurst ? DOT Emergency Training will expire 8-8-2018.	-2018; EFV on Constru	ction form needs
9	During the exit interview, did the inspector identify probable violations found inspections? (if applicable) Yes = $1 \text{ No} = 0$	during the 1	1
Evaluato			
	Yes. No violations found. Reminders: Brad Burchett PE fusion will expire 8-8- e marked on form; Joey Hurst ? DOT Emergency Training will expire 8-8-2018.	-2018; EFV on Constru	ction form needs
10	General Comments: 1) What did the inspector observe in the field? (Narrative description of field observations and how inspector performed) 2) Best Practice with Other States - (Field - could be from operator visited or state inspector pra Other.	es to Share	fo Only
	Info Only = No Points		
	a. Abandonment		
	b. Abnormal Operations		
	c. Break-Out Tanks		
	d. Compressor or Pump Stations		
	e. Change in Class Location		
	f. Casings		
	g. Cathodic Protection		
	h. Cast-iron Replacement		
	i. Damage Prevention		
	j. Deactivation		
	k. Emergency Procedures		
	1. Inspection of Right-of-Way		
	m. Line Markers		
	n. Liaison with Public Officials		
	o. Leak Surveys		
	p. MOP		
	q. MAOP		
	r. Moving Pipe		
	s. New Construction		
	t. Navigable Waterway Crossings		
	u. Odorization		
	v. Overpressure Safety Devices		
	w. Plastic Pipe Installation		
	x. Public Education		
	y. Purging		
	z. Prevention of Accidental Ignition		
	A. Repairs		
	B. Signs		
8000674	C. Tapping		

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

G10. Yes. I observed records being reviewed in an office setting during a Standard Inspection. The inspection was performed in a professional, courteous, and thorough manner.

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

PART	H - Interstate Agent State (If Applicable) Poin	ts(MAX)	Score
1	Did the state use the surrent federal inspection form (s) ?	1	NA
-	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5		
Evaluator	*		
H1-8	NA. Not an Interstate Agent		
2	Are results documented demonstrating inspection units were reviewed in accordance with "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	n 1	NA
Evaluator			
H1-8	NA. Not an Interstate Agent		
3	Did the state submit documentation of the inspections within 60 days as stated in its lates Interstate Agent Agreement form? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	t 1	NA
Evaluator	Notes:		
H1-8	NA. Not an Interstate Agent		
4	Were 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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$: 1	NA
Evaluator	-		
H1-8	NA. Not an Interstate Agent		
			274
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
Evaluator	•		
H1-8	NA. Not an Interstate Agent		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found?	1	NA
Evaluator	Yes = 1 No = 0 Needs Improvement = .5 Notes:		
	. NA. Not an Interstate Agent		
_		1	
7	Did the state initially submit documentation to support compliance action by PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluator			
H1-8	NA. Not an Interstate Agent		
8	Conorol Commonto:	Info OnlyIr	16 Only
9	General Comments: Info Only = No Points	into Oniyii	no omy
Evaluator			
	NA. Not an Interstate Agent		

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

1	Did the state use the current federal inspection form(s)?	1	NA
Evaluato	Yes = 1 No = 0 Needs Improvement = .5		
	. NA. Not a 60106 Program		
2	Are results documented demonstrating inspection units were reviewed in accordance with state inspection plan? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	n 1	NA
Evaluato			
I1-7	. NA. Not a 60106 Program		
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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
Evaluato			
I1-7	. NA. Not a 60106 Program		
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			
I1-7	. NA. Not a 60106 Program		
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			
11-7	. NA. Not a 60106 Program		
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
Evaluato	1		
I1-7	. NA. Not a 60106 Program		
7	Company 1 Community	Info OnlyInfo Only	
1	General Comments: Info Only = No Points	into Only	lino Olity
Evaluato			
11-7	. NA. Not a 60106 Program		

Total points scored for this section: 0

Total possible points for this section: 0