

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

# 2012 Natural Gas State Program Evaluation

for

## PUBLIC UTILITIES COMMISSION OF OHIO

# 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)



# 2012 Natural Gas State Program Evaluation -- CY 2012 Natural Gas

State Agency: Ohio Rating:

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

**Date of Visit:** 08/05/2013 - 08/09/2013 **Agency Representative:** Peter Chace **PHMSA Representative:** Leonard Steiner

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

Name/Title: Todd A. Snitchler, Chairman

**Agency:** Public Utilities Commission of Ohio

Address: 180 East Broad Street

City/State/Zip: Columbus, Ohio 43215-3793

#### **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 2012 (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**

PAKIS		Possible Points	Points Scored
i A	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	15	15
С	Program Performance	46	45.5
D	Compliance Activities	15	15
Е	Incident Investigations	9	9
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	6	5.5
I	60106 Agreement State (If Applicable)	0	0
TOTAL	S	121	120
State R	ating		99.2



DADTO

	A - Progress Report and Program Documentation Review	Points(MAX)	Score
1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress Report Attachment 1 (A1a) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	•		
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 (A1b) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluatoı	Notes:		
3	Accuracy verification of Operators and Operators Inspection Units in State - Progres Report Attachment 3 (A1c) Yes = 1 No = 0 Needs Improvement = .5	ss 1	1
Evaluato	Notes:		
4	Were all federally reportable incident reports listed and information correct? - Progre Report Attachment 4 (A1d) Yes = 1 No = 0 Needs Improvement = .5	ess 1	1
Evaluato			
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 (A16	e) 1	1
Evaluator	Yes = 1 No = 0 Needs Improvement = .5 Notes:		
6	Were pipeline program files well-organized and accessible? - Progress Report	2	2
Evaluato	Attachment 6 (A1f, A4) Yes = 2 No = 0 Needs Improvement = 1 Notes:		
7	Was employee listing and completed training accurate and complete? - Progress Rep	ort 1	1
	Attachment 7 (A1g) Yes = 1 No = 0 Needs Improvement = .5	ort 1	1
Evaluator	Notes:		
	Verification of Part 192,193,198,199 Rules and Amendments - Progress Report	1	1
8	Attachment 8 (A1h) Yes = 1 No = 0 Needs Improvement = .5	1	1

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

detail - Progress Report Attachment 10 (H1-3)

Yes = 1 No = 0 Needs Improvement = .5

9

**Evaluator Notes:** 

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

**Evaluator Notes:** 

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



PART	TB - Program Inspection Procedures	oints(MAX)	Sco	re 
<b>1</b> Evaluato	Standard Inspections (B1a) Yes = 2 No = 0 Needs Improvement = 1 r Notes:	2		2
<b>2</b> Evaluato	IMP Inspections (including DIMP) (B1b)  Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1		1
3 Evaluato	OQ Inspections (B1c) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1		1
4 Evaluato	Damage Prevention Inspections (B1d) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1		1
5 Evaluato	On-Site Operator Training (B1e) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1		1
<b>6</b> Evaluato	Construction Inspections (B1f) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1		1
7 Evaluato	Incident/Accident Investigations (B1g) Yes = 2 No = 0 Needs Improvement = 1 r Notes:	2		2
8	Does inspection plan address inspection priorities of each operator, and if necessary e unit, based on the following elements? (B2a-d, G1,2,4) Yes = 6 No = 0 Needs Improvement = 1-5	ach 6		6
	a. Length of time since last inspection	Yes   N	No 🔘	Needs Improvement
	b. Operating history of operator/unit and/or location (includes leakage, incident an	ıd <sub>Yes ⊙ N</sub>	No 🔘	Needs Improvement
	compliance activities) c. Type of activity being undertaken by operators (i.e. construction)	Yes   N	No 🔘	Needs Improvement
	d. Locations of operators inspection units being inspected - (HCA's, Geographic		No 🔾	Needs Improvement
	areas, Population Density, etc) e. Process to identify high-risk inspection units that includes all threats - (Excavati Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, Operators and any Other Factors)	_	40 O	Needs Improvement
	f. Are inspection units broken down appropriately?	Yes 💿 N	No 🔘	Needs Improvement

**Evaluator Notes:** 

**Evaluator Notes:** 

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

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

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 (A12) $Yes = 5 No = 0$	5	5	
	A. Total Inspection Person Days (Attachment 2): 1888.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 10.83 = 2383.33			
	Ratio: A / B 1888.00 / 2383.33 = 0.79			
Evaluato	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5 or Notes:			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines for requirements) Chapter 4.4 (A8-A11, G19)  Yes = 5 No = 0 Needs Improvement = 1-4	5	5	
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes	No O Needs Impro	vement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes 💿	No O Needs Impro	vement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No O Needs Impro	vement
Evaluato	d. Note any outside training completed or Notes:	Yes •	No O Needs Impro	vement
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 (A5)  Yes = 2 No = 0 Needs Improvement = 1	2	2	
Evaluato	or Notes:			
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 (A6-7)  Yes = 2 No = 0 Needs Improvement = 1	2	2	
	or Notes:			
All	issues identified were addressed.			
5	Did State hold PHMSA TQ Seminar in Past 3 Years? Chapter 8.5 (A3) Yes = 2 No = 0	2	2	
	or Notes: 2012 September 12-13, 2012			
6	Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 (B3)  Yes = 5 No = 0 Needs Improvement = 1-4	5	5	
Evaluato	or Notes:			





Yes = 1 No = 0 Needs Improvement = .5

There is a question on the inspection form to check for input to the NPMS.

15 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 (I1-3)

2 2

Yes = 2 No = 0 Needs Improvement = 1

**Evaluator Notes:** 

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 (I4-7)

2

2

2

2

Yes = 2 No = 0 Needs Improvement = 1

**Evaluator Notes:** 

Ohio is inspecting OQ program on a routine schedule.

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). 49 CFR 192 Subpart 0 (I8-12) Yes = 2 No = 0 Needs Improvement = 1

2

2

**Evaluator Notes:** 

All transmission pipeline IM programs have been inspected.

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). 49 CFR 192 Subpart P

DIMP? First round of program inspections should be complete by December 2014

Yes = 2 No = 0 Needs Improvement = 1

**Evaluator Notes:** 

Presently conducting the DIMP inspections.

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. 49 CFR 192.616 (I13-16)

PAPEI Effectiveness Inspections should be complete by December 2013

2 2

Yes = 2 No = 0 Needs Improvement = 1

**Evaluator Notes:** 

Are inspecting the PA programs, to meet the completion date.

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). (G20-21)

Yes = 1 No = 0 Needs Improvement = .5

1

**Evaluator Notes:** 

The commission has a website, and regular communications are held with the operators.



21	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 (B6)	1	1
Evaluato	Yes = 1 No = 0 Needs Improvement = .5 or Notes:		
22	Did the State ask Operators to identify any plastic pipe and components that has shown record of defects/leaks and what those operators are doing to mitigate the safety concerns? (G13)  Yes = 1 No = 0 Needs Improvement = .5	a 1	0.5
In p	or Notes: previous years inspection form specifically asked about components with a record of poor poor have this inspectable item.	performance.	The present form
23	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? (H4)  Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	or Notes:		
24	General Comments: Info Only = No Points	Info Onlyl	nfo Only
Evaluato	or Notes:		
			his section: 45.5 his section: 46



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 (B12-14, B16, B1h)	4	4
Evaluato	Yes = 4 No = 0 Needs Improvement = 1-3  a. Procedures to notify an operator (company officer) when a noncompliance is identified  b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns  or Notes:	Yes ① Yes ①	No Needs Improvement Needs Improvement
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 (B11,B18,B19)	4	4
	Yes = 4 No = 0 Needs Improvement = 1-3 a. Were compliance actions sent to company officer or manager/board member if municipal/government system?	Yes •	No O Needs Improvement
	b. Were probable violations documented?	Yes •	No O Needs Improvement
	c. Were probable violations resolved?	Yes •	No Needs Improvement
Evaluato	d. Was the progress of probable violations routinely reviewed? or Notes:	Yes •	No Needs Improvement
3 Evaluate	Did the state issue compliance actions for all probable violations discovered? (B15)  Yes = 2 No = 0 Needs Improvement = 1 or Notes:	2	2
4 Evaluate	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. (B17, B20) $Yes = 2 No = 0$ or Notes:	2	2
5 Evaluate	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) (B27)  Yes = 2 No = 0 Needs Improvement = 1  or Notes:	2	2
6	Can the State demonstrate it is using their enforcement fining authority for pipeline safety violations?  Yes = 1 No = 0 Needs Improvement = .5	1	1
	or Notes: e Commission has issued civil penalties for large amounts of money.		

7

**Evaluator Notes:** 

General Comments: Info Only = No Points

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



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 (A2,D1-3)  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) Evaluator Notes:	Yes •	No O Improvement Needs Improvement
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 (D4)  Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluator Notes: All incidents had an on-site investigation.		
Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? (D5)  Yes = 3 No = 0 Needs Improvement = 1-2	3	3
a. Observations and document review	Yes •	No O Needs Improvement
b. Contributing Factors	Yes •	No O Needs Improvement
c. Recommendations to prevent recurrences when appropriate  Evaluator Notes:  Incidents were thoroughly investigated.	Yes •	No Needs Improvement
4 Did the state initiate compliance action for violations found during any incident/accident investigation? (D6)  Yes = 1 No = 0	1	1
Evaluator Notes:  No probable violatons were discovered during incident investigaitons.		
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 (D7)  Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluator Notes:		
6 Does state share lessons learned from incidents/accidents? (sharing information, such as: at NAPSR Region meetings, state seminars, etc) (G15)  Yes = 1 No = 0	1	1
Evaluator Notes:		



Info OnlyInfo Only

7

**Evaluator Notes:** 

General Comments: Info Only = No Points

Total points scored for this section: 9 Total possible points for this section: 9



# **PART F - Damage Prevention**

Points(MAX) Score

1 Evaluate	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 dangers posed by drilling and other trench less technologies? NTSB (E1)  Yes = 2 No = 0 Needs Improvement = 1  or Notes:	2	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 availability and use of the one call system? (E2) $Yes = 2 No = 0 Needs Improvement = 1$	2	2
Evaluate	or Notes:		
Que	estion on form. to review locate requests.		
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.) (E3)  Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluate	or Notes:		
	CO participates with Ohio Underground Damage Prevention Colaition, Ohio Gas Association ning seminar, OGA technical seminar. The CGA best practices are encouraged at all meeting		
4	Has the agency or another organization within the state collected data and evaluated	2	2

**Evaluator Notes:** 

**Evaluator Notes:** 

Ohio collects data from the Operator's Annual Reports and analyzes for trends.

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) (E4,G5)

5 General Comments: Info Only = No Points

Yes = 2 No = 0 Needs Improvement = 1

Info OnlyInfo Only



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 OnlyInfo Only	
Name of Operator Inspected:  Vectren Energy Name of State Inspector(s) Observed: Scott Landon and Joe Dragovich Location of Inspection: Dayton, Ohio area Date of Inspection: By7(2013) Name of PHMSA Representative: Leonard Steiner  Evaluator Notes:  2 Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? (F2) Yes = 1 No = 0  Evaluator Notes:  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) (F3) Yes = 2 No = 0 Needs Improvement = 1  Evaluator Notes:  4 Did the inspector thoroughly document results of the inspection? (F4) Yes = 2 No = 0 Needs Improvement = 1  Evaluator Notes:  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.) (F5)  Evaluator Notes:  6 Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) (F7) Yes = 2 No = 0 Needs Improvement = 1 a. Procedures b. Records			
Evaluator	Leonard Steiner		
Lvaration	110003.		
	present during inspection? (F2) Yes = $1 \text{ No} = 0$	1 1	
	used as a guide for the inspection? (New regulations shall be incorporated) (F3) $Yes = 2 No = 0$ Needs Improvement = 1	2 2	
	Yes = 2 No = 0 Needs Improvement = 1	2 2	
Evaluator	to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.) (F5) Yes = 1 No = 0	1 1	
6	evaluation? (check all that apply on list) (F7)	2 2	
	c. Field Activities		
F1 /	d. Other (please comment)		
Evaluator A sta	r Notes: andard inspection of the physical facilities.		

Did the inspector have adequate knowledge of the pipeline safety program and

regulations? (Evaluator will document reasons if unacceptable) (F8)

7

2



B.

C.

D.

E.

F.

Signs

Tapping

Welding

Valve Maintenance

Vault Maintenance

G.	OQ - Operator Quantication	
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	
Evaluator Notes:		

ON August 7, 2013, I observed two Ohio Pipeline Safety inspectors conducting a standard inspection of the field facilities. The inspectors were Scoot Landon and Joe Dragovich. The program manager, Peter Chace, and I arrived at the office of the operator at the scheduled time. The inspectors had arrived and were ready to start the inspection. They had selected the facilities and the areas to be inspected. During the inspection, they methodically inspected the facilies. Both inspectors were knowledgeable of the regulations, and conducted the inspection is a courteous and professional manner.

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





7 Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7)

Yes = 1 No = 0 Needs Improvement = .5

**Evaluator Notes:** 

**8** General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

The scores were from the input of the Central Region POC for interstate agents. Future inspections should be entered on the Inspection Assistant program.

Total points scored for this section: 5.5 Total possible points for this section: 6

PART	TI - 60106 Agreement State (If Applicable)	oints(MAX)	Score
<b>1</b> Evaluato	Did the state use the current federal inspection form(s)? (B21)  Yes = 1 No = 0 Needs Improvement = .5  r Notes:	1	NA
<b>2</b> Evaluato	Are results documented demonstrating inspection units were reviewed in accordance state inspection plan? (B22)  Yes = 1 No = 0 Needs Improvement = .5  r Notes:	with 1	NA
<b>3</b> Evaluato	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.) (B23)  Yes = 1 No = 0 Needs Improvement = .5  r Notes:	1	NA
<b>4</b> Evaluato	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24)  Yes = 1 No = 0 Needs Improvement = .5  r Notes:	1	NA
<b>5</b> Evaluato	Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1	NA
<b>6</b> Evaluato	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? (B26)  Yes = 1 No = 0 Needs Improvement = .5  r Notes:	, 1	NA



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