



### 2017 Hazardous Liquid State Program Evaluation

for

#### RAILROAD COMMISSION OF TEXAS

## 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 -- Accident Investigations
- F -- Damage Prevention
- G -- Field Inspections
- H -- Interstate Agent State (if applicable)
- I -- 60106 Agreement State (if applicable)

# 2017 Hazardous Liquid State Program Evaluation -- CY 2017 Hazardous Liquid

State Agency: Texas Rating:

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

**Date of Visit:** 07/23/2018 - 08/17/2018

**Agency Representative:** Stephanie Weidman **PHMSA Representative:** Michael Thompson

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

Name/Title: Christi Craddick, Chairman
Agency: Railroad Commission of Texas

**Address:** P.O. Box 12967

City/State/Zip: Austin, Texas 78711-2967

#### **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 written summary which thoroughly documents the inspection.

#### **Scoring Summary**

_ PARTS		Possible Points	<b>Points Scored</b>
A	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	13	13
<b>■</b> C	Program Performance	42	40
D	Compliance Activities	15	15
Е	Accident Investigations	11	11
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (if applicable)	0	0
	60106 Agreement State (if applicable)	0	0
TOTAL	$\mathbf{S}$	111	109
State Ra	ating		98.2



# 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	or Notes:		
	e Texas PES database tracks the number of operators and inspection unit data. Verified the nu	ımber of o	perators and
ins	pections in PES. No issues identified.		
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluat	or Notes:		
No	issues identified		
3	Accuracy verification of Operators and Operators Inspection Units in State - Progress Report Attachment 3 Yes = 1 No = 0 Needs Improvement = .5	1	1
	or Notes:		
	viewed the PES Database to verify the information in Attachment 3. Operator and Inspection uses identified.	units were	accurate. No
4	Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4 Yes = 1 No = 0 Needs Improvement = .5	1	1
Re	or Notes: viewed incident reports and compared with PDM to assure all federally reportable incidents vistate. No issued identified.	vere invest	igated or reported
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 Yes = 1 No = 0 Needs Improvement = .5	1	1
Re acc	or Notes: viewed PES database to verify the number compliance actions reported in the Progress Reporturate. There is a large number of probable violations being carried over from year to year due C is working on closing out the cases within a reasonable time.		
6	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluat	or Notes:		
	s, all program files are kept electronically in PES. No issues identified.		
7	Was employee listing and completed training accurate and complete? - Progress Report Attachment 7 Yes = 1 No = 0 Needs Improvement = .5	1	1



8 Verification of Part 195 198 199 Rules and Amendments - Progress Report Attachment 8

Verification of Part 195,198,199 Rules and Amendments - Progress Report Attachment 8

Yes = 1 No = 0 Needs Improvement = .5

Reviewed employee training in SABA and with the RRC Database and no issued identified with the list.

**Evaluator Notes:** 

**Evaluator Notes:** 

Texas has adopted all regulations and amendments within Parts, 195, 198 and 199

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:** 

Yes, the TXRRC describe accomplishments on the progress report. Example;

In 2017, Pipeline Safety inspectors completed approximately 530 hazardous liquid safety evaluations of 175 operators, for which we sent 30 violation letters citing 151 alleged violations. Also during 2017, we reported 139 violations as corrected; this number includes violations that were cited in previous years. Also, the Commission collected a total of \$20,000.00 in enforcement penalties for hazardous liquid enforcement cases.

10 General Comments:

Info OnlyInfo Only

Info Only = No Points Evaluator Notes:

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



- 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 2

Yes = 2 No = 0 Needs Improvement = 1

#### **Evaluator Notes:**

Yes. Standard Operating Procedure (SOG) 3: Routine Comprehensive Evaluation Procedures give guidance to the inspectors to perform standard inspections. Procedures include pre and post inspection procedures.

2 IMP 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

1

Yes = 1 No = 0 Needs Improvement = .5

#### **Evaluator Notes:**

Yes. SOG 6.1 TIMP Procedures and SOG 6.2 DIMP Procedures give guidance to inspectors for performing IM inspections. Recommended to TX RRC that all inspectors have access to the PDM and utilize it to perform all pre inspection activities for all types of inspections. Also recommend to add additional language to SOG 6.2.2.1 for the use of Form 24 for DIMP for large operators. See 6.1.2.1 for http resources.

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

#### **Evaluator Notes:**

. Yes. SOG 6.3 has OQ Inspection procedures which has details for performing OQ inspections. OQ inspections are proposed to be on a five-year inspection cycle.

- 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, post-inspection activities.
- 1

1

Yes = 1 No = 0 Needs Improvement = .5

#### **Evaluator Notes:**

Yes. SOG 6.7 has details for Damage Prevention Inspections. Procedures give guidance to state inspectors that insure consistency in all inspections conducted by the state addressing pre-inspection activities, inspection activities, and post-inspection activities. Stephanie Weidman is Acting supervisor for Damage Prevention Section of RRC. Damage Prevention has 7 employees.

- 5 Any operator training conducted should be outlined and appropriately documented as needed.
- 1

Yes = 1 No = 0 Needs Improvement = .5

#### **Evaluator Notes**

Yes. SOG Section 5 as Operator Training Procedures for performing operator training. Procedures had detail on how to perform and document operator training. Had a training session during their Pipeline Safety Seminar along with the Texas Gas Association.

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

Yes = 1 No = 0 Needs Improvement = .5

**Evaluator Notes:** 

Yes. SOG 6.6 New Construction Evaluation has procedure for conducting new construction inspections. TAX 8.115 is Texas law that requires operators to report any new construction 30 days prior to constructing more than 1 mile of pipe. Law is changing to 60 day notice and .1 miles of new pipe. The New Construction Lead Inspector must successfully complete required TQ courses prior to conducting any new construction inspections. This person should lead the evaluation with the assistance of other participating team members, if a team is utilized, and is to remain present during the duration of the evaluation. The change in the Law was delayed, but it is still scheduled to be changed

7	unit, b	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
		Operating history of operator/unit and/or location (includes leakage, incident and ance activities)	Yes •	No 🔾	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes 💿	No 🔘	Needs Improvement
	Popula	Locations of operators inspection units being inspected - (HCA's, Geographic area, tion Density, etc)	Yes •	No 🔘	Needs Improvement
	Damag	Process to identify high-risk inspection units that includes all threats - (Excavation ge, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, ors and any Other Factors)	Yes •	No 🔾	Needs Improvement
	-	Are inspection units broken down appropriately?	Yes •	No 🔘	Needs Improvement
b. C c. Pr d. H e. So natu oper	a. Insport a control and a con	section intervals are at 5 year intervals. Is history is included in their unit inspection risk ranking as include activities undertaken by operator. It is population are part of the unit risk ranking. It is amended last year to include the tracking of incidents and causes which include Ende forces, material and welds, equipment, operators and other factors. If the Units are broken for Distribution and by mileage for Transmission. It is a sum of the tracking of incidents and causes which include Ende forces, material and welds, equipment of the Excavation damage.	roken dov of incide	vn most ents and	ly by causes
8 Evaluato	Info O	nly = No Points	Info Onl	yInfo On	ıly

Total points scored for this section: 13 Total possible points for this section: 13

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): 1572.00			
B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 8.82 = 1940.03			
Ratio: A / B 1572.00 / 1940.03 = 0.81			
If Ratio $\geq$ = 0.38 Then Points = 5, If Ratio $\leq$ 0.38 Then Points = 0 Points = 5			
Evaluator Notes: Yes,			
61 inspectors @8.78 Person Years 220 X 8.78 = 1931.6 1572/1931.6 = .81			
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 IMP Training before conducting inspection as lead	Yes 🔾	No •	Needs Improvement
c. Root Cause Training by at least one inspector/prgram manager	Yes 🔘	No 💿	Needs Improvement
d. Note any outside training completed	Yes 🔾	No •	Needs Improvement
e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.  Evaluator Notes:	Yes 🔘	No •	Needs Improvement
a.The RRC has an in house training program for each new inspector. Each inspector goes through months. They accompany another seasoned inspector during the inspections to obtain on the job training coordinator who monitors each inspectors progress while they are in training. When the of the pipeline safety program he/she is checked out by an inspector and verified by the Program also attend the required T&Q courses within 3 years. b. Reviewed IMP inspections and found the qualified. Checked qualifications with SABA database. c. There are several inspectors that have training course. d. The RRC has an in house training program which is very lengthy so outside to travel funds outside training is limited. e. The RRC has an in house training program for each inspector goes through the training for atleast 6 months. They accompany another seasoned inspector obtain on the job training. Joey Bass is the training coordinator who monitors each inspectors training. When the inspector is knowledgeable of the pipeline safety program he/she is checked verified by the Program Manager. The inspectors also attend the required T&Q courses within 3	training. te inspector Manage nat all leade taken the training is n new inspector dur s progress out by ar	Joey Barris knower. The ind inspecte Root Cos not attempector. Earling the insulation while the swhile the swhile the swhile the insulation is the insulation while the insulation is the insulation in the insulation in the insulation is the insulation in the insula	ass is the wledgeable inspectors tors were Cause ended. Due Each inspections hey are in
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	2		2

**Evaluator Notes:** 

Yes = 2 No = 0 Needs Improvement = 1

Yes. In reviewing Stephanie Weidman's training and discussions she is very knowledgeable of the PHMSA program and regulations.

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

**Evaluator Notes:** 

Years? Chapter 8.5 Yes = 1 No = 0

5

**Evaluator Notes:** 

Yes, the TXRRC held a safety Seminar on September 22, 2017. The seminar was conducted without PHMSA TQ participation. 5 4 Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 Yes = 5 No = 0 Needs Improvement = 1-4**Evaluator Notes:** The TX RRC is not complying with their procedures in inspecting units within the time intervals established. The main issue is the time intervals between specialized inspections (OQ, IMP). In reviewing the yearly work plan there are some operators that have not had a specialized inspection (OQ, IMP) within the five year interval. Example Inspection Packages; #115558-IMP, #116027-IMP, #116538-OQ, The TX RRC needs to improve on the inspection interval to meet their established intervals per their procedures. Loss of 1 point 7 Did inspection form(s) cover all applicable code requirements addressed on Federal 2 2 Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1**Evaluator Notes:** Yes, the TX RRC uses the Federal Forms in an excel version. Reviewed inspection reports and found that all applicable portions of the inspection forms were filled out by the inspectors. No issues identified. 8 Did the state review operator records of previous accidents and failures including 1 1 reported third party damage and leak response to ensure appropriate operator response as SOG 8 has incident/accident procedures. Records or previous accidents are reviewed by the TX RRC to ensure appropriate Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for 2 SOG 3 has the procedure to review Annual reports and incidents. The Program Manager reviews the annual reports, incident

Did State conduct or participate in pipeline safety training session or seminar in Past 3

1

2

2

1

14	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 195.440  Yes = 2 No = 0 Needs Improvement = 1	2	2
	r Notes: TX RRC perform Public Awareness program inspections during their comprehensive inspect ections reports reviewed which included the review of public awareness programs.	ions. There	were many
15	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	1	1
sma	r Notes: C website has enforcement cases available to the public, provides operator resources such as g ll distribution systems, has section for the TAC Code, section for any pipeline safety events coention section educating the public.		
16	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
Evaluato	•		
TX I	RRC executed appropriate follow-up actions to Safety Related Condition (SRC) Reports review	ewed during	evaluation.
17	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA?  Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato			
Yes,	Stephanie Weidman responded to NAPSR surveys in 2017 which was verified thru email.		
18	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.	1	1
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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

Is state verifying operator's hazardous liquid integrity management (L IMP) Programs are

up to date? This should include a previous review of LIMP 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-10)). 49 CFR 195.452 Appendix C

In reviewing the inspection reports, the TX RRC is performing OQ inspections and verifying the OQ programs are up to date.

Inspections completed use inspection forms that include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review takes in to account program review and updates of operators plan (s) per 49 CFR 195.452 Subpart c. The individuals performing these inspections met PHMSA qualification requirements. Tx RRC is not meeting their 5 year re-inspection interval for all intrastate regulated Operator's IM Plans, which is noted on



12

13

**Evaluator Notes:** 

Yes = 2 No = 0 Needs Improvement = 1

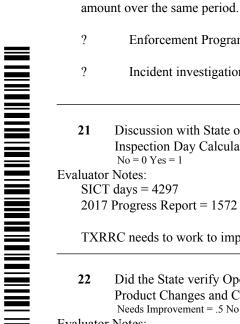
Yes = 2 No = 0 Needs Improvement = 1

question C6. Loss of 1 point

2

1

2



Enforcement Program Evaluation is steady for both gas and liquid pipelines at 100 percent. Incident investigations for both gas and hazardous liquids has gone up to 100% in 2016 from around 75% in 2015. 21 Discussion with State on accuracy of inspection day information submitted into State 1 NA Inspection Day Calculation Tool (SICT) Has the State updated SICT data? No = 0 Yes = 1**Evaluator Notes:** SICT days = 42972017 Progress Report = 1572 TXRRC needs to work to improve the accuracy of the number of days estimated in the SICT

Number of hazardous leaks repaired has stayed the same 2015 to 2016. Number of outstanding leaks has decreased a small

Gas Distribution System Leaks per 1000 miles of pipe. Number of leaks repaired has gone up over the 2015 to 2016.

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

**Evaluator Notes:** 

Yes, they have added to their inspections.

retention area. Overall training suffers due to turn over of inspectors.

#### **23** General Comments:

Info OnlyInfo Only

Info Only = No Points

**Evaluator Notes:** 

C6 - The TX RRC is not complying with their procedures in inspecting units within the time intervals established. The main issue is the time intervals between specialized inspections (OQ, IMP). In reviewing the yearly work plan there are some operators that have not had a specialized inspection (OQ, IMP) within the five year interval. Example Inspection Packages; #115558-IMP, #116027-IMP, #116538-OQ, The TX RRC needs to improve on the inspection interval to meet their established intervals per their procedures. Loss of 1 Point

C13 - Inspections completed use inspection forms that include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review takes in to account program review and updates of operators plan(s) per 49 CFR 195.452 Subpart c. The individuals performing these inspections met PHMSA qualification requirements. Tx RRC is not meeting their 5 year re-inspection interval for all intrastate regulated Operator's IM Plans, which is noted on question C6. Loss of 1 point

C18 - Stephanie Weidman, the program manager, has reviewed the status of all waivers granted in Texas and is now in the process of having the status of each up dated. She will be working with Kay MacGyver in PHMSA HQ. (Recommendation to be reviewed in 2019 evaluation)

Total points scored for this section: 40 Total possible points for this section: 42



Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1  Yes = 4 No = 0 Needs Improvement = 1-3	4	4
a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes •	No O Needs Improvement
b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No O Needs Improvement
c. Procedures regarding closing outstanding probable violations	Yes 💿	No O Needs Improvement
Evaluator Notes:  a. Section 3.6 has procedure to notify an operator when a noncompliance is identified.  A'. Section 3.2.2 send notice to corp officer or mayor.  b. Section 10 Compliance and Enforcement Procedures.  c. appendix B flowchart.  Changed procedures so did not include mayor or owner of master meter. will make changes to p and owner.	rocedure	
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 director if municipal/government system?	Yes •	No O Needs Improvement
b. Document probable violations	Yes 💿	No O Needs Improvement O
c. Resolve probable violations	Yes •	No O Needs Improvement
d. Routinely review progress of probable violations	Yes 💿	No O Needs Improvement O
<ul> <li>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</li> <li>f. Within 90 days, to the extent practicable, provide the owner or operator with written</li> </ul>	Yes •	No Needs Improvement Needs
preliminary findings of the inspection.  Evaluator Notes:	Yes •	No Improvement
Compliance actions are tracked through the Pipeline Evaluation System (PES) Civil penalties ar guidelines for assessment. No issues were identified.	e in stati	ue and there are
Joid the state issue compliance actions for all probable violations discovered?  Yes = 2 No = 0 Needs Improvement = 1  Evaluator Notes:  HL review of Accidents: 0 injuries 0 fatalities 58 cost between \$50K & \$6.62M  Reviewed the 7 most expensive accidents: Incident ID numbers; 1637, 1518, 1566, 1642, 1616, accidents with enforcement actions: Package ID numbers (incident ID): 114830 (1512), 116136 114756 (1509), 115540 (1571).		
4 Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary.  Yes = 2 No = 0  Evaluator Notes:  Yes. Texas Administrative Code (TAC) 121.206 and 207 has "Shoe Cause" hearing process.	2	2



5 Is the program manager familiar with state process for imposing civil penalties? Were 2 civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken) Yes = 2 No = 0

**Evaluator Notes:** 

Program Manager is aware of the civil penalty process. TAC 8.135 is law which states civil penalty actions. A panel consisting of Kari French, Jim Osterhous, and Stephanie Wiedner decide on accessing and the amount of civil penalty. They are now using the state guidelines for the amount of civil penalties.

1 6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety violations? Yes = 1 No = 0 Needs Improvement = .5

**Evaluator Notes:** 

Yes. The TXRRC had 30 compliance actions in 2017 with \$18500.00 in civil penalties. All penalties were collected in 2017.

7 Info OnlyInfo Only General Comments: Info Only = No Points **Evaluator Notes:** 

> 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 incider accident?	nt/ 2		2
SC	Yes = 2 No = 0 Needs Improvement = 1 tor Notes: OG Section 8 has procedures for addressing incident/accident investigations. 8.1.1.2 address verify there's sufficient data gathered if no onsite investigation was made.	ses the need	d for doc	umentation
2	Does state have adequate mechanism to receive and respond to operator reports of accidents, including after-hours reports? And did state keep adequate records of Incide Accident notifications received? Chapter 6  Yes = 2 No = 0 Needs Improvement = 1	2 nt/		2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes 💿	No 🔾	Needs Improvement
Evolue	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E) tor Notes:	Yes ①	No 🔾	Needs Improvement
TZ in	KRRC has a 24 hour answering system that transfers calls to on call inspector. Section 18 have stigation will be conducted on all reportable incidents. Have acknowledgement of MOU a case of an incident/accident.			
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
Re	tor Notes: eviewed incident telephonic reports and they had sufficient information to support that no or occdure states that they would gather sufficient information to support their decision not to		tigation v	vas needed.
4	Were all accidents 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 where appropriate	Yes	No 🔾	Needs Improvement
a. in	tor Notes: RRC documents all observations in PES and on PHMSA Form 11. b. Contributing factors vestigation reports. c. The information from the investigations is being reviewed for recommunce recurrences of failures.			n their
5	Did the state initiate compliance action for violations found during any incident/accider investigation?	nt 1		1

#### **Evaluator Notes**

Hazardous liquid incidents were reviewed and compliance actions were issued for all violations found during the investigations.

6 Did the state assist Region Office or Accident Investigation Division (AID) by taking appropriate follow-up actions related to the operator accident 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

Evaluator Notes:

The TX RRC works with PHMSA AID and the region to provide updates and information.

Does state share lessons learned from incidents/accidents? (sharing information, such as: 1 at NAPSR Region meetings, state seminars, etc)

Yes = 1 No = 0

**Evaluator Notes** 

Yes, the TX RRC shares lessons learned during their State of the State address during the annual NAPSR SW Region meetings..

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

**Evaluator Notes:** 

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



2

inspections.

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 No = 0 Needs Improvement = 1

2

2

2

**Evaluator Notes:** 

Yes, the TX RRC has added question to Standard Inspection reports on Hazardous liquid, distribution, and transmission inspections.

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 No = 0 Needs Improvement = 1

2

2

2

**Evaluator Notes:** 

Yes. Yes, the TX RRC did 20 events in 2017 where they presented and material was handed out. Mock Line Strike? a full mobilization PL incident drill.

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)

2

Yes = 2 No = 0 Needs Improvement = 1

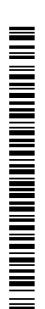
**Evaluator Notes:** 

**Evaluator Notes:** 

Yes, the RRC collects data on a monthly basis and their damages per 1000 locates dropped from 3.20 to 3.03 from 2015 to 2016, and remain the same for 2017. The damages have been cut in half since 2008.

5 General Comments: Info Only = No Points

Info OnlyInfo Only



Total points scored for this section: 8 Total possible points for this section: 8 Operator, Inspector, Location, Date and PHMSA Representative
Info Only = No Points

Name of Operator Inspected:

Info OnlyInfo Only

Name of Operator Inspected:

(1) Enterprise Pipeline; (2) Pasadena Refinery (PRSI)

Name of State Inspector(s) Observed:

(1) Larry Snelson; (2) Kennedy Kiprotich

Location of Inspection:

(1) Houston, TX; (2) Pasadena, TX

Date of Inspection:

(1) October 23-27, 2017 & February 21-23, 2018; (2) March 5-9, 2018

Name of PHMSA Representative:

(1) Chris McLaren; (2) Agustin Lopez

#### **Evaluator Notes:**

- (1) Chris McLaren's (PHMSA PHP50) Field Evaluation of the Great State of Texas' Railroad Commission's Hazardous Liquid Integrity Management Inspection of Enterprise Products Pipeline Inspections conducted October 23 27, 2017 & February 21 23, 2018.
- (2) Evaluated Mr. Kennedy Kiprotich conduct an inspection of Pasadena Refinery pipeline systems. He inspected three pipelines which included portions of the O&M Procedures, records and a field inspection.
- Was the operator or operator's representative notified and/or given the opportunity to be present during inspection?

  Yes = 1 No = 0

#### **Evaluator Notes:**

- (1) Yes. 1 Point. Many emails were exchanged TRRC and John D. Tresp, Sr. Pipeline Compliance Engineer, 1100 Louisiana St. Houston, TX 77002, Desk: 713-381-6831, Cell: 832-675-0674, jdtresp@eprod.com
- (2) Yes, the operator was notified with enough notice and given the opportunity to have personnel present.
- Did the inspector use an appropriate inspection form/checklist and was the form/checklist 2 used as a guide for the inspection? (New regulations shall be incorporated)

  Yes = 2 No = 0 Needs Improvement = 1

#### **Evaluator Notes**

- (1) Yes? 2 Points. PHMSA HL IM Protocol Form revised September 2017 was used for the inspection. TRRC State Procedures for conducting IM inspections reviewed and checked for the conduct of the inspection (TRRC Guidelines Section 17? IM Inspections).
- (2) Yes, the inspector utilized the HL inspection form to use as a guide and to documents results of inspection.
- Did the inspector thoroughly document results of the inspection?

  Yes = 2 No = 0 Needs Improvement = 1

#### **Evaluator Notes:**

- (1) Yes ? 2 Points. PHMSA Gas IM Protocol Form revised September, 2017 was completed for the inspection. This form was attempted to be uploaded to the HL IMDB. However, TRRC has been receiving error messages ? like Line 115 error? Question C-13 & 14 has been modified in the State Evaluation Form, so States are no longer required to upload IM or OQ results to the external databases.
- (2) Yes, the inspector documented results on the inspection form and on the PEZ database.



	Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable)	2	2
England	Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$		
	or Notes: Yes ? 2 Points. The Lead inspectors and other inspectors exhibited an understanding of t	ha ninalina sa	faty program
	applicable regulations. Here are the inspectors' experience that attended:	ne pipenne sa	nety program
?	Samuel Copeland? many IM inspections? lead TRRC inspector for IM inspection	c	
?	Larry Snelson? many IM inspections	3	
?	Jennifer Delaruz ? some IM inspections		
?	Isaac Mourreal ? some IM inspections		
?	Erik Trevino? some IM inspections		
?	Maud Lucie Sainvilus - few IM inspections		
ope	Yes, Mr. Kiprotich demonstrated adequate knowledge of the pipeline safety rules and regrator what was required of the regulations whenever the operator had questions. He is a		
ope			
	erator what was required of the regulations whenever the operator had questions. He is a	good asset to t	the RRC.
<b>8</b> Evaluat	Prator what was required of the regulations whenever the operator had questions. He is a graduation big Did the inspector conduct an exit interview? (If inspection is not totally complete the interview should be based on areas covered during time of field evaluation) $Yes = 1 No = 0$ or Notes:	good asset to t	the RRC.
8 Evaluat (1)	Did the inspector conduct an exit interview? (If inspection is not totally complete the interview should be based on areas covered during time of field evaluation)  Yes = 1 No = 0  or Notes:  Yes ? 1 Point. An exit interview was conducted during both weeks of the inspection, and	good asset to t  1 I written notic	the RRC.
8 Evaluat (1)	Prator what was required of the regulations whenever the operator had questions. He is a graduation big Did the inspector conduct an exit interview? (If inspection is not totally complete the interview should be based on areas covered during time of field evaluation) $Yes = 1 No = 0$ or Notes:	good asset to t  1 I written notic	the RRC.
8 Evaluat (1) the	Did the inspector conduct an exit interview? (If inspection is not totally complete the interview should be based on areas covered during time of field evaluation)  Yes = 1 No = 0  or Notes:  Yes ? 1 Point. An exit interview was conducted during both weeks of the inspection, and	good asset to t  I written notic ion.	the RRC.  1  ne was provid

Did the inspector check to see if the operator had necessary equipment during inspection

Did the inspector adequately review the following during the field portion of the state

(1) Yes? 1 Point. This was an office based inspection of the IM program. The operator did use the appropriate equipment for

(2) Yes, the inspector verified that he operator had appropriate equipment to perform the tasks during the field inspection.

(1) Yes? 2 Points. Procedures, forms, records, computer systems, applications, databases, etc. were all reviewed during the inspection at the appropriate level. Many integrity assessment results (pressure tests, ILI, associated repair records) were

to conduct tasks viewed? (Maps, valve keys, half cells, etc)

evaluation? (check all that apply on list) Yes = 2 No = 0 Needs Improvement = 1 a. Procedures

Records

Field Activities

Other (please comment)

this type of inspection (e.g., GIS, Risk Model, MOP calculator, PODS data base, etc.).

5

Yes = 1 No = 0

b.

c. d.

**Evaluator Notes:** 

2017 Hazardous Liquid State Program Evaluation

1

2

2

 $\boxtimes$ 

 $\boxtimes$ 

 $\boxtimes$ 

 $\boxtimes$ 

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(1) Yes? 1 Point. Areas of concern and comments were discussed during the exit interview for both weeks. A probable violation was not identified during the inspection. An exit interview was conducted and written notice was provided to the office and/or authorized official identifying any noncompliance noted during the inspection. No significant issues were noted during this inspection. Concerns discussed included Lack of formally documented communication between departments (identified as a compliance issue on the gas IM inspection), treatment of incorrect operations as this is the cause of failures and the actions to prevent recurrence should be improved? follow-up on accident investigation by Isaac will cover this issue also. Program strength included that the Operator elects to do additional discretionary digs beyond the required criteria (discretionary digs on certain tools).

(2) Yes, the inspector covered any probable violations found during the inspections. The main concern was the amount of atmospheric corrosion on the pipeline facilities.

10	descript	Comments: 1) What did the inspector observe in the field? (Narrative tion of field observations and how inspector performed) 2) Best Practices to with Other States - (Field - could be from operator visited or state inspector	Info OnlyInfo Only
	practice	es) 3) Other y = No Points	
	a.	Abandonment	$\boxtimes$
	b.	Abnormal Operations	$\boxtimes$
	c.	Break-Out Tanks	$\boxtimes$
	d.	Compressor or Pump Stations	
	e.	Change in Class Location	
	f.	Casings	$\boxtimes$
	g.	Cathodic Protection	$\boxtimes$
	h.	Cast-iron Replacement	
	i.	Damage Prevention	$\boxtimes$
	j.	Deactivation	
	k.	Emergency Procedures	$\boxtimes$
	1.	Inspection of Right-of-Way	$\boxtimes$
	m.	Line Markers	
	n.	Liaison with Public Officials	$\boxtimes$
	0.	Leak Surveys	$\boxtimes$
	p.	MOP	$\boxtimes$
	q.	MAOP	
	r.	Moving Pipe	
	S.	New Construction	
	t.	Navigable Waterway Crossings	
	u.	Odorization	
	v.	Overpressure Safety Devices	
	W.	Plastic Pipe Installation	
	х.	Public Education	
	y.	Purging	
	Z.	Prevention of Accidental Ignition	
	A.	Repairs	
	B.	Signs	
	C.	Tapping	
	D.	Valve Maintenance	
	E.	Vault Maintenance	
	F.	Welding	
	G.	OQ - Operator Qualification	$\boxtimes$
	H.	Compliance Follow-up	
	I.	Atmospheric Corrosion	

J.

Other

#### **Evaluator Notes:**

- (1) Office based inspection of IM program was conducted. A team based approach was utilized (good) as different inspectors have specific field knowledge of various portions of the Enterprise Hazardous Liquid assets. Specific records for each of the protocol areas were appropriately reviewed during the inspection. The inspection was conducted in a thorough and appropriately paced manner which allowed for all inspectors to read and think about the question and review information and ensure topics were appropriately discussed.
- (2) The inspector conducted a standard inspection of Pasadena Refinery pipelines. He reviewed portions of the O&M Manual and reviewed records. He also performed a field inspection of the pipeline facilities. He performed a very thorough inspection and conducted himself very professionally.

Total points scored for this section: 12

Total possible points for this section: 12



PART	TH - Interstate Agent State (if applicable) Poi	nts(MAX)	Score	
1	Did the state use the current federal inspection form(s)?	1	NA	
	Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$			
Evaluato				
IAF	RRC is 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	th 1	NA	
Evaluato	r Notes:			
TXF	RRC is not an interstate agent			
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	
Evaluato	r Notes:			
TXF	RRC is not an interstate agent			
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				
TXF	RRC is not an interstate agent			
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	•			
TXF	RRC is not an interstate agent			
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				
	RRC is not an interstate agent			
7	Did the state initially submit documentation to support compliance action by PHMSA opprobable violations?  Yes = 1 No = 0 Needs Improvement = .5	n 1	NA	
Evaluato	r Notes:			
TXF	RRC is not an interstate agent			
8	General Comments:	Info Onlylı	ofo Only	



**Evaluator Notes:** 

Info Only = No Points

TXRRC is not an interstate agent

PAR	Γ I - 60106 Agreement State (if applicable)	Points(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:		
	RRC does not have a 60106 agreement		
2	Are results documented demonstrating inspection units were reviewed in accordance state inspection plan?  Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
Evaluato	or Notes:		
TXI	RRC does not have a 60106 agreement		
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	or Notes:		
	RRC does not have a 60106 agreement		
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 No = 0 Needs Improvement = .5	: 1	NA
Evaluato	or Notes:		
TXI	RRC does not have a 60106 agreement		
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	or Notes:		
	RRC does not have a 60106 agreement		
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations?  Yes = 1 No = 0 Needs Improvement = .5	y 1	NA
	or Notes:		
TXI	RRC does not have a 60106 agreement		



Info OnlyInfo Only

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

7

**Evaluator Notes:** 

General Comments: Info Only = No Points

TXRRC does not have a 60106 agreement