

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: PRAIRIELAND PIPELINE, LLC	Operator ID#: 38908
Inspection Date(s): 5/26/2015	Man Days: 1
Inspection Unit: USDI - PRAIRIELAND PIPELINE	
Location of Audit: Palestine	
Exit Meeting Contact: Darin Houchin	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Jim Watts	
Company Representative to Receive Report: Mike Wendling	
Company Representative's Email Address: mwendling@usdi.us	

Headquarters Address Information:	208 East Washington Street P.O. Box 327 Newton, IL 62448 Emergency Phone#: (618) 392-5502 Fax#:	
Official or Mayor's Name:	Darin Houchin Phone#: (618) 392-5502 Email: darin@usdi.us	Jerry McDaniel Phone#: (618) 392-5502 Email: jerry@superiorfuels.com
Inspection Contact(s)	Title	Phone No.
Darin Houchin	Executive Vice President	(618) 392-5502

CUSTOMER METER & REGULATOR		Status
<b>Category Comment:</b>		
<i>This is a transmission line that has no customer meters or regulators.</i>		
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Not Applicable</b>
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Not Applicable</b>
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Not Applicable</b>
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Not Applicable</b>
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses	<b>Not Applicable</b>

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	upon connecting piping?	
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Not Applicable</b>
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Not Applicable</b>
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Not Applicable</b>
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Applicable</b>
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Not Applicable</b>
<b>CATHODIC PROTECTION</b>		<b>Status</b>
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Pipe to soils were conducted and indicated protective levels at -1.3 volts.</i>		
[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Pipe to soils were conducted at the following locations:</i>		
<i>Texas Gas Take Point -1.32 v</i>		
<i>Test Point N of E 775th St -1.55 v</i>		
<i>Putnam Energy Take Point -1.53 v</i>		
<i>Meter Set at Ethanol Plant -1.49 v</i>		
[192.465(b)]	Were rectifier installations inspected?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There are no rectifiers on the pipeline as it is protected with anodes.</i>		
[192.465(a)]	Were isolated mains/services tested?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There are no isolated sections of main or services.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There are no critical or non-critical bonds on the system.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Electrical Isolation is provided using insulated unions or flanges.</i>		

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[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There are no casings on the system.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The above ground piping was painted to protect against atmospheric corrosion.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b>General Comment:</b> <i>There were no indications of corrosion or pitting observed on the above ground piping</i>		
<b>DAMAGE PREVENTION</b>		<b>Status</b>
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There were no outstanding locates to be completed or recent locates to review. Staff observed Mr. Houchin locate a segment of the transmission line near E775 Street. No issues were observed with his locating skills.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There were no outstanding locates to be completed or recent locates to review. Staff observed Mr. Houchin locate a segment of the transmission line near E775 Street. No issues were observed with his locating skills.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There were no outstanding locates to be completed or recent locates to review. Staff observed Mr. Houchin locate a segment of the transmission line near E775 Street. No issues were observed with his locating skills. USDI utilizes paint and flags when marking the approximate location of gas facilities.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Line markers were present along the pipeline route and at each road crossing. These were as follows:</i>  <i>Texas Gas Take point E 775th Street E 900th Avenue E 1000th Avenue Pressure Regulating Station at the Ethanol Plant.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Satisfactory</b>

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<b>General Comment:</b>		
<i>Markers were adequately spaced along the pipeline route from the Texas Gas Take Point to the Ethanol Plant.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>Markers were present at the Texas Gas take Point and the Pressure regulating Station at the Ethanol Plant and at the Putnam Energy interconnect.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The line markers present contained the required information.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The line markers present indicated the USID contact information. It is 618-392-5502 which is answered by the USDI office in Olney during normal hours of operation and is then transferred to an answering service during after hour periods.</i>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The pressure regulating and overpressure protection equipment is inspected annually.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>Above ground piping is located at the Texas Gas Take Point and at the Ethanol plant which are protected using a locked fenced enclosures and are away from vehicular traffic. The Putnam Energy Take Point is located away from vehicular traffic.</i>		
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Satisfactory</b>
<b>General Comment:</b>		

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<i>There is an electronic recorder present at the Ethanol Plant and was observed indicating an inlet pressure of 140 psig and an outlet pressure of 50 psig.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Pressure regulation is utilized to protect the transmission line against overpressure at the Texas Gas Take Point. A relief is present at the Putnam Energy Interconnect to protect against overpressure. Operator and monitor regulators are located at the pressure regulating station located at the Ethanol Plant to protect the downstream piping against overpressure.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The relief at the Putnam Energy interconnect is supported by the piping configuration made of non-combustible materials.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The relief at the Putnam Energy interconnect has a stack that will allow a release to be safely vented to atmosphere and were protected against the accumulation of ice snow or rain.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The valve below the relief at the Putnam Energy installation was locked in the open position. The remaining overpressure protection located at the Texas Gas Take Point and at the Ethanol Plant were located in locked fenced enclosures.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>This is a transmission line and there are no distribution facilities.</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The gas transported in the Prairieland Pipeline is odorized utilizing a King Tool bypass odorizer. An odorometer test was performed at the pressure regulating station at the ethanol plant and indicated the gas was readily detected at .07 percent gas.</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The King Tool odorizer was indicating a tank level of 162 pounds of odorant. The bulk tank was indicating a level of 30%.</i>		

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[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The odorometer was indicating the next calibration date of June 2016.</i>		
<b>TRANSMISSION</b>		<b>Status</b>
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>There are above ground valves at the Texas Gas Take point and a below ground valve that was accessible is located where the Putnam Energy pipeline connects to the Prairieland Pipeline.</i>		
[192.745(a)]	Were the valves inspected accessible?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>There are above ground valves at the Texas Gas Take point and a below ground valve that was accessible is located where the Putnam Energy pipeline connects to the Prairieland Pipeline.</i>		
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Applicable</b>
<b>General Comment:</b>		
<i>No pre-tested pipe inventory is maintained by Prairieland Pipeline.</i>		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	<b>Not Applicable</b>
<b>General Comment:</b>		
<i>No blow down activities were observed.</i>		
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>Vessels, valves, regulators and flanges were observed having the required markings and pressure ratings.</i>		
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>Yes</b>
<b>General Comment:</b>		
<i>Staff reviewed Mr. Houchins qualifications and determined he was currently qualified for the tasks observed. These were locating and odorometer testing.</i>		

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