

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 3/26/2014 (Half), 3/27/2014	Man Days: 1.5
Inspection Unit: LaSalle	
Location of Audit: La Salle	
Exit Meeting Contact: John Sigler	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Kevin Hecker	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
John Sigler	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
[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?	Satisfactory
General Comment: <i>All meters observed at Grand Bear Lodge were located away from or protected from vehicular damage.</i>		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
General Comment: <i>All regulator vents observed were unobstructed and protected by vent screens.</i>		
[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?	Satisfactory
General Comment:		

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There were approximately 11 buildings where the regulator relief was located adjacent to a dryer exhaust vent, although on opposite sides of an outside corner on the buildings. After lengthy discussion, it didn't appear there were any direct code violations, however, the operator offered to extend some of the regulator vents upward to assure that any venting gas would escape higher than the dryer vent. Staff was agreeable.

[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
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General Comment:
None of the meters were located where flooding is likely.

[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
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General Comment:
Ameren personnel identified 8-9 buildings at Grand Bear Lodge where possible stress upon the connecting pipe was likely due to the settlement of backfill around the foundation. This was identified because the banks of meters on these buildings were leaning. There were 4 units in each of the buildings. The operator had all meter sets marked for excavation with JULIE tickets on hand. Staff observed the meter sets straighten and reset on longer meter posts. The service line was also exposed to assure proper backfill and support and to verify proper alignment for the fitting.

[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
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General Comment:
All regulators observed vented freely to the atmosphere.

[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Not Checked
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General Comment:
Staff did not verify meter case rating.

[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
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General Comment:
All service line valves were located upstream of the meter and easily accessible.

[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Satisfactory
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General Comment:
No underground service line valves were observed at Grand Bear Lodge.

[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Applicable
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General Comment:
None of the meters observed were shut off.

CATHODIC PROTECTION	Status
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[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Not Applicable
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General Comment:

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<i>The services observed at Grand Bear Lodge were all PE services with PE main, therefore no cathodic protection readings were necessary.</i>		
[192.465(a)]	Were pipe to soil readings taken?	Not Applicable
<u>General Comment:</u>		
<i>The services observed at Grand Bear Lodge were all PE services with PE main, therefore no cathodic protection readings were necessary.</i>		
[192.465(b)]	Were rectifier installations inspected?	Not Applicable
<u>General Comment:</u>		
<i>The services observed at Grand Bear Lodge were all PE services with PE main, therefore no rectifiers were included in this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Applicable
<u>General Comment:</u>		
<i>The services observed at Grand Bear Lodge were all PE services with PE main, therefore no cathodic protection readings were necessary.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u>		
<i>The services observed at Grand Bear Lodge were all PE services with PE main, therefore no critical/non critical bonds exist at this location.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Not Checked
<u>General Comment:</u>		
<i>The services observed at Grand Bear Lodge were all PE services with PE main. Staff did not look for isolation devices.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Satisfactory
<u>General Comment:</u>		
<i>Electrical isolations test records were reviewed during the record audit conducted on March 25 and 26, 2014.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u>		
<i>All meters observed at the Grand Bear Lodge project were relatively new and paint was in good condition.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u>		
<i>All meters observed at the Grand Bear Lodge project were relatively new and paint was in good condition.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<u>General Comment:</u>		
<i>JULIE tickets were called in for all planned excavations at the Grand Bear Lodge.</i>		

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[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
General Comment: <i>Location activities were completed the same day the ticket was called in.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
General Comment: <i>Staff observed flags and spray painted markings in the grass areas surrounding the meters to be straightened.</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?	Satisfactory
General Comment: <i>All line markers observed were updated to include the most recent contact information for Ameren Illinois. A more comprehensive check of line markers will occur during the next field audit at Ameren's LaSalle operating center.</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?	Satisfactory
General Comment: <i>All line markers observed were updated to include the most recent contact information for Ameren Illinois. A more comprehensive check of line markers will occur during the next field audit at Ameren's LaSalle operating center.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
General Comment: <i>All line markers observed were updated to include the most recent contact information for Ameren Illinois. A more comprehensive check of line markers will occur during the next field audit at Ameren's LaSalle operating center.</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?	Satisfactory
General Comment: <i>All line markers observed were updated to include the most recent contact information for Ameren Illinois. A more comprehensive check of line markers will occur during the next field audit at Ameren's LaSalle operating center.</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?	Satisfactory
General Comment:		

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PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[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.?	Satisfactory
General Comment:		
<i>Regulator inspection records were reviewed during the record audit conducted on March 25 and 26, 2014.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
General Comment:		
<i>The regulator station at Highway 178 and 71 was well off the road and protected by chain link fence.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
General Comment:		
<i>No instances of abnormally high or low pressure were experienced during 2012-2013. These records were reviewed during the record audit conducted on March 25 and 26, 2014.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Satisfactory
General Comment:		
<i>Overpressure protection has been provided at both "take points" off the Kinder Morgan transmission line.</i>		
[192.199(d)]	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
General Comment:		
<i>The regulator station observed was supported by all steel components.</i>		
[192.199(e)]	Did 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?	Satisfactory
General Comment:		
<i>Token relief valves at the regulator station were protected from the elements, and vented well above the fenced enclosure.</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?	Satisfactory
General Comment:		
<i>Staff verified that all valves necessary to operate any part of the bypass system were locked or required special tools to operate the valves.</i>		

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VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves inspected accessible?	Satisfactory
General Comment:		
<i>Valves located near the regulator station at Highway 178 and 71 were easily accessible and in good condition. Valve inspection records were also reviewed during the record audit conducted on March 25 and 26, 2014.</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
General Comment:		
<i>Odor intensity testing was not observed during this audit.</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Satisfactory
General Comment:		
<i>Odorization equipment inspection and tank level records were reviewed by staff during the record audit on March 25 and 26, 2014.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
General Comment:		
<i>Staff verified that odor detection equipment was calibrated in 9/2013.</i>		
TRANSMISSION		Status
Category Comment:		
<i>No transmission facilities were observed as part of this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Not Checked
General Comment:		
<i>The work that Staff observed was on existing services installed 2-3 years ago. Staff did not inspect pipe or component markings as part of this audit.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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